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U.S. Decennial Life Tables for 1979-81

Volume II, State Life Tables
Number 23, Michigan

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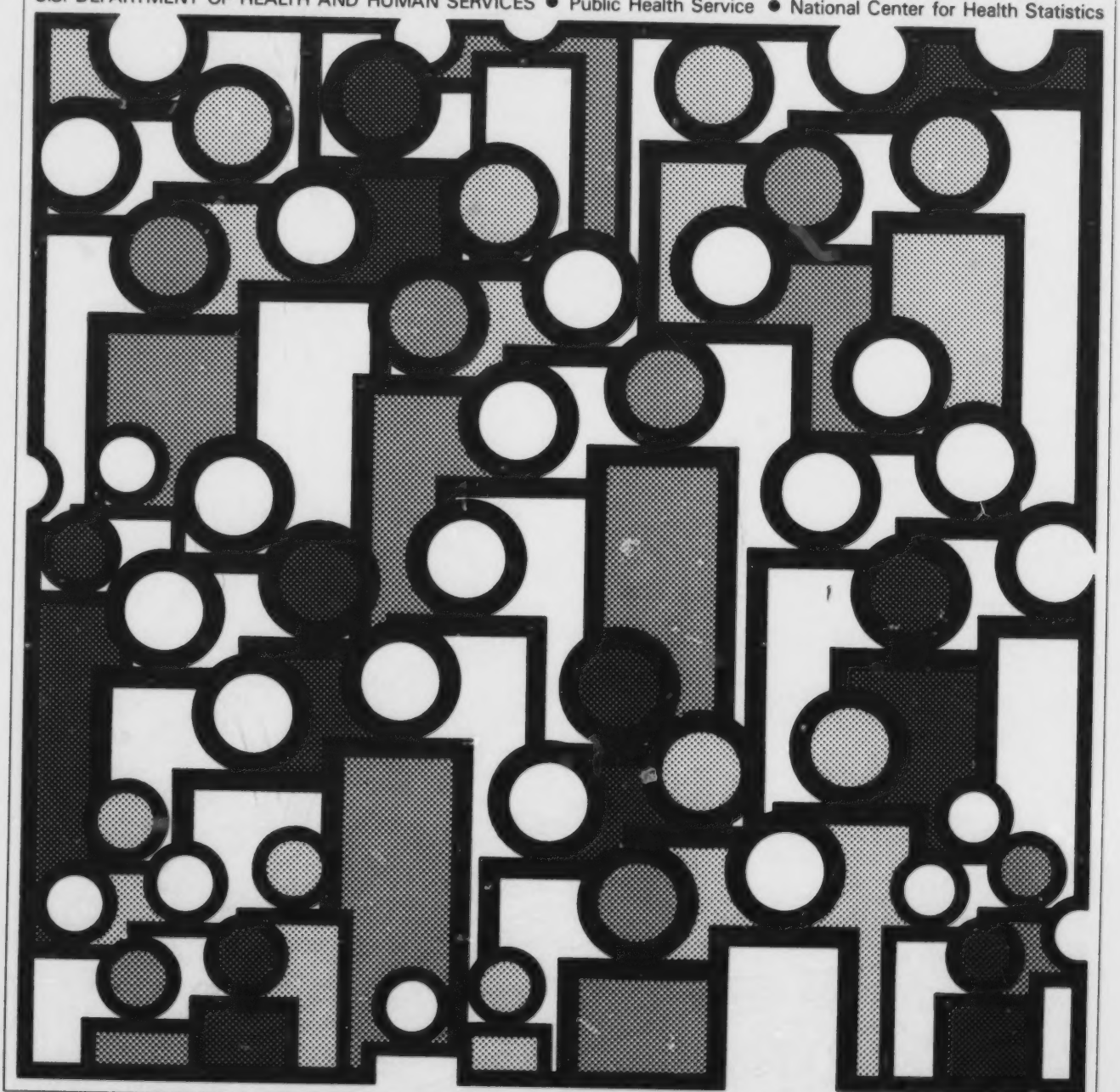

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Suggested Citation

National Center for Health Statistics: State life tables, Alabama–Wyoming. *U.S. Decennial Life Tables for 1979–81*, Vol. II, Nos. 1–51. DHHS Pub. No. (PHS) 86–1151–1–51. Public Health Service. Washington. U.S. Government Printing Office, Jan. 1986.

Library of Congress Cataloging-in-Publication Data

Main entry under title:

U.S. decennial life tables for 1979–81.

(DHHS publication ; no. (PHS) 85–1150–1)
Contents: v. 1, no. 1. United States life tables. no. 2. United States life tables, eliminating certain causes of death. no. 3. Methodology of the national and state life tables. no. 4. Some trends and comparison of United States life table data, 1900–81. — v. 2. State life tables, Alabama–Wyoming (51 v.)
1. Mortality—United States—Tables—Collected works. 2. Mortality—United States—Tables—Methodology —Collected works. 3. Mortality—United States—States—Tables—Collected works. 4. United States—Statistics, Vital—Collected works. I. National Center for Health Statistics (U.S.) II. Title: US decennial life tables for 1979–81. III. Series: DHHS publication; no. (PHS) 85–1150–1, etc.
HB1335.U17 1985 304.6'4'0973021 85–600190

For sale by the Superintendent of Documents
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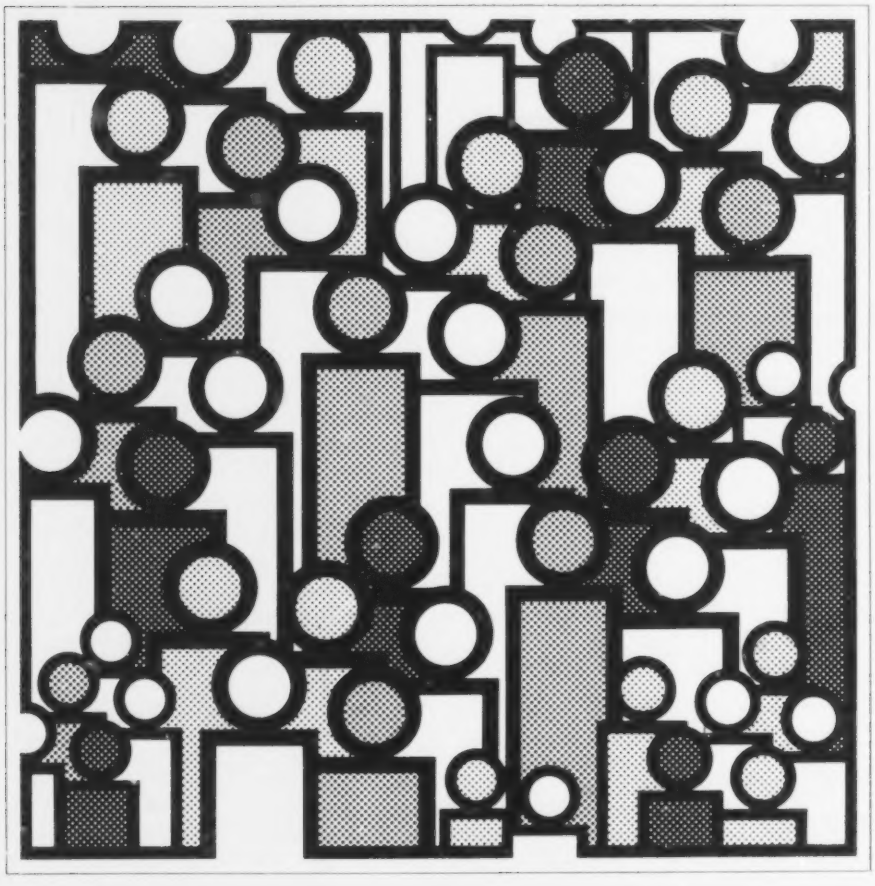

DHHS Publication No. (PHS) 86-1151-23

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Public Health Service
National Center for Health Statistics

Hyattsville, Maryland
January 1986

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Symbols

- - -	Data not available
. . .	Category not applicable
-	Quantity zero
0.0	Quantity more than zero but less than 0.05
Z	Quantity more than zero but less than 500 where numbers are rounded to thousands
*	Figure does not meet standard of reliability or precision (not published when fewer than 700 male or female deaths for any racial group were registered in 1979–81)

Preparation of the life tables

Robert J. Armstrong of the Division of Vital Statistics, National Center for Health Statistics, developed the content of the life tables and the methodology to produce them. He was also responsible for coordinating all the activities of the Social Security Administration, the U.S. Bureau of the Census, and the various components of the National Center for Health Statistics that contributed to the production of these life tables.

Nonie Atkinson of the Office of Research and Methodology was responsible for the overall computer systems analysis and design, and played a major role in writing the programs to produce the life tables and their variances.

Anne K. Stratton of the Computer Applications Staff of the Division of Vital Statistics coordinated all data processing and developed computer processes which eased the workload of the actuarial statistician and the Publications Branch. She also provided major programming support in summarizing data basic to the calculation of the life tables.

John E. Mounts, Ann A. Swain, Arlett R. Brown, and Barbara B. Beals of the Publications Branch, Division of Data Services, provided consultation, publications management, and editorial review. Stephen L. Sloan supervised the production of the cover design, and Linda L. Bean coordinated the printing.

An ad hoc committee provided guidance and many helpful suggestions on the methodology and content of the life tables. This committee was headed by Thomas N. E. Greville of the University of Wisconsin. Other members were Francisco Bayo, Joseph Faber, and John Wilkin of the Office of the Actuary, Social Security Administration; Jacob S. Siegel and Jeffrey Passel of the U.S. Bureau of the Census; and various staff members of the National Center for Health Statistics.

Michigan Life Tables: 1979–81

Explanation of the State tables

This report contains the 1979–81 life tables and standard error tables for this State. Other publications in this decennial series present life tables for the United States and the other individual States. Each of these reports shows life tables calculated for the white population, the population other than white, and the black population separately by sex and for both sexes combined. Also included are life tables for the total population, for total males, and for total females. Life tables, however, for any racial group in a State are not being published when the total number of deaths for either males or females during the 3-year period is less than 700.

The tables are based on the 1980 Census of Population and on the average annual number of resident deaths during the 3-year period 1979–81. In deriving life table values at ages under 2, reported births for the years 1977–81 have also been used. Mortality rates (proportions dying) at ages 95 and over are based on the experience of the Medicare program of the Social Security Administration. These rates are differentiated by race and sex but not by State. Values at ages 85–94 have also been adjusted to provide a smooth transition between the mortality rates based on the census and registered deaths and those derived from the Medicare program. Therefore the figures at ages 85 and above may fail to reflect adequately variation in mortality among the States. Such variation, however, is in general smaller than differences associated with race and sex. The population and death statistics at ages under 85 are known to be subject to certain errors, but these were not considered to be serious enough to require adjustment prior to the calculation of the life tables. However, in some instances fluctuations due to the small volume of data produced anomalous life-table values, which were eliminated by minor redistribution of deaths by age.

A separate report, in this series of 55 reports, describes the methods and formulas by which the national and State life tables were prepared, and an explanation of the columns of the life table precedes the tables in this State report.

The life table assumes that a hypothetical cohort traced from birth until the death of the last survivor is subject throughout its existence to the age by age mortality rates observed in a certain population or population subdivision during a specified period. For example, table 3 is a life table for females. This table shows the progress of a cohort starting with 100,000 live births and subject during its passage through successive years of age to the average annual mortality rates observed among females in this State in the 3-year period 1979–81.

Column 7 of table 3 shows the average number of years of life remaining to those in the cohort who attain each birthday. This average remaining lifetime is commonly called the expectation of life, and the expectation of life at birth is frequently used as a measure of comparative longevity. According to the 1979–81 life tables for this State, the expectation of life at birth is 70.07 years for total males and 77.29 for total females. Among the 50 States and the District of Columbia in the expectation of life at birth for the total population, this State ranks 31st.

The ranking table shows the average lifetime (or expectation of life at birth) by race and sex for the population of the United States, each State, and the District of Columbia.

These life tables are based on a complete count of resident deaths in this State during the 3 years 1979, 1980, and 1981. As such, they are not subject to sampling error. However, even complete counts may be considered as one of a large series of possible results that could have arisen under the same circumstances. This type of variation is known as random error. The reader should remember that the standard errors shown in this report reflect this random error only. Other errors such as misreporting age on death certificates or in the census are not reflected in them.

Standard errors of the probability of dying and of life expectancy are being shown with these life tables for the first time. In both cases the standard errors contain one decimal place more than the corresponding variable in the life tables. In computing confidence intervals the limits are rounded to the same number of decimal places that the variable has in the life table.

To obtain a 68-percent confidence interval for the probability of dying at any age, take the point estimate from column 2 of the appropriate life table and add and subtract one standard error (from the Standard Errors of the Probability of Dying table). The 95-percent confidence interval is obtained by adding and subtracting two standard errors. For example, the probability that a 50-year-old white female will die before her 51st birthday is .00375 with a standard error of .000172. Therefore the 68-percent confidence interval is from .00358 to .00392 and the 95-percent confidence interval is from .00341 to .00409. The life expectancy of a 50-year-old white female is 30.66 years with a standard error of .035 years. The 68-percent confidence interval for the life expectancy is therefore from 30.62 to 30.70 years and the 95-percent confidence interval is from 30.59 to 30.73 years.

Explanation of the columns of the life table

Column 1—Year of age (x to $x+1$)—The year of age shown in column 1 is the interval of 1 year between the two

exact ages indicated. For instance, "21–22" indicates the interval between the 21st birthday and the 22d, in other words, the 22d year of life.

Column 2—Proportion dying (q_x)—This column shows the proportion of the members of the life-table cohort alive at the beginning of the indicated year of age who will die before reaching the next birthday on the basis of the mortality rates of 1979–81 in this State. For example, for females in the year of age 21–22, the proportion dying is .00060—of every 1,000 reaching their 21st birthday, 0.60 will die before reaching their 22d birthday.

Column 3—Number surviving (l_x)—This column shows the number of persons, starting with a cohort of 100,000 live births, who will survive to the birthday marking the beginning of the indicated year of age. Thus of 100,000 babies born alive in the cohort of table 3, 98,839 will complete the first year of life and enter the second, 98,123 will reach age 21, and 66,166 will live to age 75.

Column 4—Number dying (d_x)—This column shows the number dying in the indicated year of age of 100,000 live births. Thus out of 100,000 born alive in the cohort of table 3, 1,161 will die in the first year of life, 60 in the 22d year, and 2,355 in the 76th year. Each figure in column 4 is the difference between two successive figures in column 3.

Columns 5 and 6—Stationary population (L_x and T_x)—Suppose that a group of 100,000 persons like that assumed in columns 3 and 4 is born each year and that the proportion dying in each such group in each year of age throughout the lives of the members is exactly that shown in column 2. If there were no migration and if the births were evenly distributed over the year, the survivors of these births would constitute what is called a stationary population, because in such a population the number of persons living in any given year of age would never change. When an individual left an age, whether by death or by growing older and entering the next higher age, his place would immediately be taken by someone entering from the next lower age. Thus a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the various ages. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who each year will reach the birthday that marks the beginning of the year of age indicated in column 1, and column 4 shows the number of persons who will die each year in that year of age.

Column 5, L_x, shows the number of persons in the stationary population in the indicated year of age. For example, the figure shown in table 3 for the year of age 21–22 is 98,093. This means that in a stationary population supported by 100,000 annual births and with proportions dying at each age always in accordance with column 2, a census taken on any date would show 98,093 persons at age 21 (that is, between exact ages 21 and 22 years).

Column 6, T_x, shows the total number of persons in the stationary population (column 5) in the indicated year of age and all subsequent years of age. For example, in the stationary population of females described in the preceding paragraph, column 6 shows that there would be at any given moment 5,660,737 persons who had reached their 21st birthday. The population at all ages 0 and above (in other words, the total stationary population of females) would be 7,729,481.

Column 7—Average remaining lifetime ($\mathring{e}_x$)—The average remaining lifetime (also called expectation of life) at any given age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age-specific rates of dying. In order to relate these figures to the preceding columns of the life table, it is necessary to observe that the figures in column 5 can also be interpreted in terms of a single life-table cohort without introducing the concept of a stationary population. From this point of view, each figure in column 5 represents the total time in years lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus the figure 98,093 for females in this State in the year of age 21–22 is the total number of years lived between their 21st and 22d birthdays by the 98,123 (column 3) who reached the 21st birthday out of the original cohort of 100,000, and the corresponding figure (5,660,737) in column 6 is the total number of years lived after attaining age 21 by the 98,123 reaching that age. This number of years divided by the number of persons (5,660,737 divided by 98,123) gives 57.69 as the average remaining lifetime at age 21 for females in this State.

AVERAGE LIFETIME IN YEARS BY RACE AND SEX: UNITED STATES AND EACH STATE IN RANK ORDER, 1979-81

(STATES ARE RANKED ACCORDING TO THE AVERAGE LIFETIME FOR THE TOTAL POPULATION)

RANK	AREA	TOTAL			WHITE			ALL OTHER					
								TOTAL			BLACK		
		BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE
1	HAWAII	77.02	74.08	80.33	76.22	73.04	79.81	77.46	74.57	80.72	*	*	*
2	MINNESOTA	76.15	72.52	79.82	76.25	72.63	79.90	*	*	*	*	*	*
3	IOWA	75.81	72.00	79.60	75.88	72.09	79.64	*	*	*	*	*	*
4	UTAH	75.76	72.38	79.18	75.80	72.42	79.22	*	*	*	*	*	*
5	NORTH DAKOTA	75.71	72.09	79.68	76.03	72.45	79.95	*	*	*	*	*	*
6	NEBRASKA	75.49	71.73	79.29	75.73	71.97	79.53	*	*	*	*	*	*
7	WISCONSIN	75.35	71.86	78.87	75.53	72.05	79.05	71.17	67.53	74.83	70.53	66.98	74.09
8	KANSAS	75.31	71.60	78.99	75.57	71.85	79.26	71.33	67.87	74.75	69.68	66.17	73.24
9	COLORADO	75.30	71.78	78.80	75.37	71.84	78.89	74.09	70.74	77.32	71.01	67.41	74.66
10	IDAHO	75.19	71.52	79.15	75.24	71.58	79.19	*	*	*	*	*	*
11	WASHINGTON	75.13	71.74	78.57	75.23	71.86	78.64	73.84	70.18	77.83	*	*	*
12	CONNECTICUT	75.12	71.51	78.57	75.46	71.90	78.86	71.45	67.13	75.55	70.32	65.80	74.62
13	MASSACHUSETTS	75.01	71.27	78.46	75.11	71.38	78.54	73.66	69.60	77.51	71.74	67.53	75.73
14	OREGON	74.99	71.35	78.77	75.03	71.41	78.79	*	*	*	*	*	*
15	NEW HAMPSHIRE	74.98	71.43	78.42	74.94	71.39	78.38	*	*	*	*	*	*
16	SOUTH DAKOTA	74.97	71.03	79.21	75.94	72.07	80.07	*	*	*	*	*	*
17	VERMONT	74.79	71.06	78.49	74.76	71.03	78.47	*	*	*	*	*	*
18	RHODE ISLAND	74.76	70.96	78.33	74.87	71.06	78.45	*	*	*	*	*	*
19	MAINE	74.59	70.78	78.41	74.58	70.77	78.39	*	*	*	*	*	*
20	CALIFORNIA	74.57	71.09	78.02	74.67	71.18	78.12	74.30	70.86	77.81	69.54	65.47	73.74
21	ARIZONA	74.30	70.46	78.34	74.78	71.08	78.66	69.59	64.63	75.04	*	*	*
22	NEW MEXICO	74.01	69.91	78.34	74.44	70.46	78.63	70.54	65.32	76.12	*	*	*
23	FLORIDA	74.00	70.08	77.98	74.95	71.10	78.86	68.07	63.76	72.41	67.39	63.05	71.79
23	NEW JERSEY	74.00	70.48	77.39	74.69	71.25	77.99	69.91	65.73	73.90	68.87	64.53	73.02
25	MONTANA	73.93	70.47	77.68	74.46	71.00	78.19	*	*	*	*	*	*
	UNITED STATES	73.88	70.11	77.62	74.53	70.82	78.22	69.84	65.63	74.00	68.52	64.10	72.88
26	WYOMING	73.85	69.95	78.20	74.05	70.15	78.39	*	*	*	*	*	*
27	INDIANA	73.84	70.16	77.46	74.22	70.57	77.82	69.55	65.53	73.54	68.78	64.71	72.87
27	MISSOURI	73.84	69.92	77.72	74.48	70.64	78.29	68.74	64.02	73.29	67.96	63.14	72.65
29	ARKANSAS	73.72	69.73	77.83	74.44	70.46	78.59	69.95	65.51	74.16	69.49	65.00	73.77
30	NEW YORK	73.70	70.02	77.18	74.44	70.90	77.80	70.13	65.58	74.26	68.97	64.14	73.28
31	MICHIGAN	73.67	70.07	77.29	74.46	70.94	77.99	68.91	64.73	73.17	68.19	63.87	72.58
31	OKLAHOMA	73.67	69.63	77.81	73.93	69.90	78.07	71.97	67.63	76.26	68.96	64.71	73.22
33	TEXAS	73.64	69.70	77.67	74.22	70.30	78.22	69.69	65.40	74.05	68.88	64.44	73.42
34	PENNSYLVANIA	73.58	69.90	77.16	74.13	70.52	77.64	68.58	64.07	72.93	67.89	63.27	72.35
35	OHIO	73.49	69.85	77.06	74.01	70.42	77.53	69.21	65.16	73.24	68.67	64.56	72.75
36	VIRGINIA	73.43	69.60	77.27	74.42	70.54	78.28	69.57	65.76	73.49	68.96	65.08	72.99
37	ILLINOIS	73.37	69.55	77.13	74.29	70.57	77.96	68.71	64.32	72.99	67.63	63.02	72.09
38	MARYLAND	73.32	69.71	76.83	74.36	70.86	77.73	69.83	65.89	73.81	69.17	65.13	73.25
39	TENNESSEE	73.30	69.15	77.47	74.13	69.99	78.31	68.87	64.37	73.19	68.60	64.07	72.96
40	DELAWARE	73.21	69.56	76.78	74.11	70.53	77.39	68.98	64.93	73.15	68.38	64.35	72.53
41	KENTUCKY	73.06	69.14	77.12	73.39	69.46	77.46	68.91	64.90	72.93	68.32	64.31	72.38
42	NORTH CAROLINA	72.96	68.60	77.35	74.27	70.02	78.53	68.61	63.66	73.58	68.31	63.33	73.32
43	WEST VIRGINIA	72.84	68.86	76.93	72.98	68.99	77.09	69.05	65.03	72.88	67.91	63.66	71.94
44	NEVADA	72.64	69.26	76.48	72.90	69.52	76.72	*	*	*	*	*	*
45	ALABAMA	72.53	68.28	76.79	73.88	69.67	78.15	68.52	63.76	73.05	68.33	63.54	72.89
46	ALASKA	72.24	68.71	76.87	73.42	69.99	77.93	*	*	*	*	*	*
47	GEORGIA	72.22	68.01	76.35	73.80	69.56	78.01	67.87	63.41	72.06	67.66	63.18	71.88
48	MISSISSIPPI	71.98	67.64	76.39	73.61	69.26	78.09	68.90	64.19	73.40	68.81	64.09	73.32
49	SOUTH CAROLINA	71.85	67.56	76.12	73.60	69.40	77.81	67.78	62.96	72.47	67.58	62.73	72.31
50	LOUISIANA	71.74	67.64	75.89	73.26	69.20	77.42	68.12	63.63	72.48	67.85	63.29	72.27
51	DISTRICT OF COLUMBIA	69.20	64.55	73.70	74.83	71.24	77.88	67.17	62.10	72.19	66.96	61.88	72.01

TABLE 1. LIFE TABLE FOR THE TOTAL POPULATION: MICHIGAN, 1979-81

AGE IN YEARS	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED	PROPORTION OF PERSONS ALIVE AT BEGINNING OF YEAR OF AGE DYING DURING YEAR	NUMBER LIVING AT BEGINNING OF YEAR OF AGE	NUMBER DYING DURING YEAR OF AGE	IN YEAR OF AGE	IN THIS YEAR OF AGE AND ALL SUBSEQUENT YEARS	AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF YEAR OF AGE
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	$\mathring{e}_x$
0-1	.01309	100,000	1,309	98,921	7,366,793	73.67
1-2	.00080	98,691	79	98,652	7,267,872	73.64
2-3	.00062	98,612	61	98,581	7,169,220	72.70
3-4	.00050	98,551	49	98,526	7,070,639	71.75
4-5	.00041	98,502	41	98,482	6,972,113	70.78
5-6	.00035	98,461	35	98,444	6,873,631	69.81
6-7	.00032	98,426	31	98,410	6,775,187	68.84
7-8	.00029	98,395	28	98,381	6,676,777	67.86
8-9	.00026	98,367	26	98,354	6,578,396	66.88
9-10	.00022	98,341	22	98,330	6,480,042	65.89
10-11	.00020	98,319	20	98,309	6,381,712	64.91
11-12	.00020	98,299	20	98,290	6,283,403	63.92
12-13	.00025	98,279	24	98,267	6,185,113	62.93
13-14	.00035	98,255	34	98,238	6,086,846	61.95
14-15	.00048	98,221	48	98,197	5,988,608	60.97
15-16	.00062	98,173	61	98,143	5,890,411	60.00
16-17	.00075	98,112	73	98,076	5,792,268	59.04
17-18	.00085	98,039	83	97,997	5,694,192	58.08
18-19	.00093	97,956	92	97,910	5,596,195	57.13
19-20	.00100	97,864	97	97,816	5,498,285	56.18
20-21	.00106	97,767	103	97,715	5,400,469	55.24
21-22	.00112	97,664	110	97,609	5,302,754	54.30
22-23	.00117	97,554	114	97,498	5,205,145	53.36
23-24	.00119	97,440	116	97,382	5,107,647	52.42
24-25	.00120	97,324	117	97,265	5,010,265	51.48
25-26	.00121	97,207	117	97,149	4,913,000	50.54
26-27	.00121	97,090	118	97,030	4,815,851	49.60
27-28	.00123	96,972	119	96,913	4,718,821	48.66
28-29	.00125	96,853	121	96,792	4,621,908	47.72
29-30	.00128	96,732	123	96,671	4,525,116	46.78
30-31	.00131	96,609	127	96,545	4,428,445	45.84
31-32	.00135	96,482	130	96,417	4,331,900	44.90
32-33	.00139	96,352	134	96,286	4,235,483	43.96
33-34	.00145	96,218	139	96,148	4,139,197	43.02
34-35	.00152	96,079	146	96,006	4,043,049	42.08
35-36	.00162	95,933	155	95,855	3,947,043	41.14
36-37	.00173	95,778	166	95,696	3,851,188	40.21
37-38	.00185	95,612	176	95,524	3,755,492	39.28
38-39	.00198	95,436	189	95,341	3,659,968	38.35
39-40	.00212	95,247	202	95,146	3,564,627	37.43
40-41	.00230	95,045	219	94,935	3,469,481	36.50
41-42	.00252	94,826	239	94,707	3,374,546	35.59
42-43	.00276	94,587	260	94,457	3,279,839	34.68
43-44	.00302	94,327	285	94,184	3,185,382	33.77
44-45	.00331	94,042	311	93,887	3,091,198	32.87
45-46	.00361	93,731	339	93,561	2,997,311	31.98
46-47	.00397	93,392	370	93,207	2,903,750	31.09
47-48	.00437	93,022	407	92,819	2,810,543	30.21
48-49	.00484	92,615	448	92,391	2,717,724	29.34
49-50	.00533	92,167	491	91,922	2,625,333	28.48
50-51	.00583	91,676	535	91,408	2,533,411	27.63
51-52	.00634	91,141	577	90,853	2,442,003	26.79
52-53	.00689	90,564	624	90,251	2,351,150	25.96
53-54	.00752	89,940	676	89,602	2,260,899	25.14
54-55	.00822	89,264	734	88,897	2,171,297	24.32

TABLE 1. LIFE TABLE FOR THE TOTAL POPULATION: MICHIGAN, 1979-81--CON.

AGE IN YEARS	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED	PROPORTION OF PERSONS ALIVE AT BEGINNING OF YEAR OF AGE DYING DURING YEAR	NUMBER LIVING AT BEGINNING OF YEAR OF AGE	NUMBER DYING DURING YEAR OF AGE	IN YEAR OF AGE	IN THIS YEAR OF AGE AND ALL SUBSEQUENT YEARS	AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF YEAR OF AGE
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	$\mathring{e}_x$
55-56	.00896	88,530	793	88,133	2,082,400	23.52
56-57	.00974	87,737	855	87,310	1,994,267	22.73
57-58	.01060	86,882	921	86,422	1,906,957	21.95
58-59	.01159	85,961	996	85,463	1,820,535	21.18
59-60	.01271	84,965	1,079	84,426	1,735,072	20.42
60-61	.01397	83,886	1,172	83,299	1,650,646	19.68
61-62	.01534	82,714	1,269	82,079	1,567,347	18.95
62-63	.01681	81,445	1,369	80,761	1,485,268	18.24
63-64	.01830	80,076	1,465	79,343	1,404,507	17.54
64-65	.01981	78,611	1,558	77,832	1,325,164	16.86
65-66	.02143	77,053	1,651	76,228	1,247,332	16.19
66-67	.02318	75,402	1,748	74,528	1,171,104	15.53
67-68	.02506	73,654	1,845	72,731	1,096,576	14.89
68-69	.02709	71,809	1,945	70,837	1,023,845	14.26
69-70	.02931	69,864	2,048	68,839	953,008	13.64
70-71	.03173	67,816	2,152	66,741	884,169	13.04
71-72	.03439	65,664	2,258	64,535	817,428	12.45
72-73	.03733	63,406	2,367	62,222	752,893	11.87
73-74	.04055	61,039	2,475	59,801	690,671	11.32
74-75	.04403	58,564	2,579	57,275	630,870	10.77
75-76	.04775	55,985	2,673	54,648	573,595	10.25
76-77	.05175	53,312	2,759	51,933	518,947	9.73
77-78	.05607	50,553	2,834	49,136	467,014	9.24
78-79	.06082	47,719	2,902	46,268	417,878	8.76
79-80	.06611	44,817	2,963	43,335	371,610	8.29
80-81	.07197	41,854	3,013	40,348	328,275	7.84
81-82	.07843	38,841	3,046	37,318	287,927	7.41
82-83	.08558	35,795	3,063	34,263	250,609	7.00
83-84	.09336	32,732	3,056	31,204	216,346	6.61
84-85	.10170	29,676	3,018	28,166	185,142	6.24
85-86	.11055	26,658	2,948	25,184	156,976	5.89
86-87	.12018	23,710	2,849	22,286	131,792	5.56
87-88	.12978	20,861	2,707	19,507	109,506	5.25
88-89	.13916	18,154	2,527	16,891	89,999	4.96
89-90	.14889	15,627	2,326	14,464	73,108	4.68
90-91	.16003	13,301	2,129	12,236	58,644	4.41
91-92	.17298	11,172	1,932	10,206	46,408	4.15
92-93	.18699	9,240	1,728	8,376	36,202	3.92
93-94	.20131	7,512	1,512	6,756	27,826	3.70
94-95	.21553	6,000	1,293	5,393	21,070	3.51
95-96	.22976	4,707	1,082	4,166	15,717	3.34
96-97	.24338	3,625	882	3,184	11,551	3.19
97-98	.25637	2,743	703	2,391	8,367	3.05
98-99	.26868	2,040	548	1,766	5,976	2.93
99-100	.28030	1,492	418	1,282	4,210	2.82
100-101	.29120	1,074	313	918	2,928	2.73
101-102	.30139	761	229	646	2,010	2.64
102-103	.31089	532	166	449	1,364	2.57
103-104	.31970	366	117	308	915	2.50
104-105	.32786	249	81	208	607	2.44
105-106	.33539	168	57	139	399	2.38
106-107	.34233	111	38	93	260	2.33
107-108	.34870	73	25	60	167	2.29
108-109	.35453	48	17	39	107	2.24
109-110	.35988	31	11	26	68	2.20

TABLE 2. LIFE TABLE FOR MALES: MICHIGAN, 1979-81

AGE IN YEARS	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED	PROPORTION OF PERSONS ALIVE AT BEGINNING OF YEAR OF AGE DYING DURING YEAR	NUMBER LIVING AT BEGINNING OF YEAR OF AGE	NUMBER DYING DURING YEAR OF AGE	IN YEAR OF AGE	IN THIS YEAR OF AGE AND ALL SUBSEQUENT YEARS	AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF YEAR OF AGE
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	$\mathring{e}_x$
0-1	.01450	100,000	1,450	98,815	7,007,488	70.07
1-2	.00095	98,550	93	98,503	6,908,673	70.10
2-3	.00068	98,457	68	98,423	6,810,170	69.17
3-4	.00053	98,389	52	98,363	6,711,747	68.22
4-5	.00045	98,337	44	98,315	6,613,384	67.25
5-6	.00039	98,293	38	98,274	6,515,069	66.28
6-7	.00036	98,255	36	98,237	6,416,795	65.31
7-8	.00034	98,219	33	98,203	6,318,558	64.33
8-9	.00030	98,186	29	98,171	6,220,355	63.35
9-10	.00025	98,157	24	98,145	6,122,184	62.37
10-11	.00021	98,133	21	98,123	6,024,039	61.39
11-12	.00021	98,112	20	98,102	5,925,916	60.40
12-13	.00028	98,092	28	98,078	5,827,814	59.41
13-14	.00044	98,064	43	98,043	5,729,736	58.43
14-15	.00065	98,021	63	97,989	5,631,693	57.45
15-16	.00087	97,958	86	97,915	5,533,704	56.49
16-17	.00107	97,872	105	97,820	5,435,789	55.54
17-18	.00124	97,767	121	97,707	5,337,969	54.60
18-19	.00136	97,646	133	97,579	5,240,262	53.67
19-20	.00146	97,513	142	97,442	5,142,683	52.74
20-21	.00155	97,371	152	97,295	5,045,241	51.81
21-22	.00165	97,219	160	97,139	4,947,946	50.89
22-23	.00172	97,059	167	96,976	4,850,807	49.98
23-24	.00175	96,892	170	96,807	4,753,831	49.06
24-25	.00176	96,722	170	96,637	4,657,024	48.15
25-26	.00176	96,552	170	96,468	4,560,387	47.23
26-27	.00175	96,382	169	96,297	4,463,919	46.31
27-28	.00176	96,213	169	96,129	4,367,622	45.40
28-29	.00178	96,044	170	95,959	4,271,493	44.47
29-30	.00181	95,874	173	95,788	4,175,534	43.55
30-31	.00184	95,701	177	95,612	4,079,746	42.63
31-32	.00188	95,524	179	95,435	3,984,134	41.71
32-33	.00192	95,345	183	95,253	3,888,699	40.79
33-34	.00198	95,162	188	95,068	3,793,446	39.86
34-35	.00205	94,974	194	94,877	3,698,378	38.94
35-36	.00213	94,780	203	94,679	3,603,501	38.02
36-37	.00225	94,577	212	94,471	3,508,822	37.10
37-38	.00238	94,365	225	94,252	3,414,351	36.18
38-39	.00254	94,140	239	94,020	3,320,099	35.27
39-40	.00273	93,901	257	93,773	3,226,079	34.36
40-41	.00297	93,644	278	93,505	3,132,306	33.45
41-42	.00326	93,366	304	93,214	3,038,801	32.55
42-43	.00357	93,062	333	92,895	2,945,587	31.65
43-44	.00391	92,729	362	92,549	2,852,692	30.76
44-45	.00427	92,367	395	92,169	2,760,143	29.88
45-46	.00467	91,972	429	91,758	2,667,974	29.01
46-47	.00512	91,543	469	91,309	2,576,216	28.14
47-48	.00565	91,074	514	90,817	2,484,907	27.28
48-49	.00624	90,560	567	90,276	2,394,090	26.44
49-50	.00691	89,993	623	89,681	2,303,814	25.60
50-51	.00756	89,370	675	89,033	2,214,133	24.77
51-52	.00822	88,695	729	88,330	2,125,100	23.96
52-53	.00894	87,966	786	87,573	2,036,770	23.15
53-54	.00977	87,180	852	86,754	1,949,197	22.36
54-55	.01072	86,328	925	85,866	1,862,443	21.57

TABLE 2. LIFE TABLE FOR MALES: MICHIGAN, 1979-81--CON.

AGE IN YEARS	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED	PROPORTION OF PERSONS ALIVE AT BEGINNING OF YEAR OF AGE DYING DURING YEAR	NUMBER LIVING AT BEGINNING OF YEAR OF AGE	NUMBER DYING DURING YEAR OF AGE	IN YEAR OF AGE	IN THIS YEAR OF AGE AND ALL SUBSEQUENT YEARS	AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF YEAR OF AGE
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	$\mathring{e}_x$
55-56	.01172	85,403	1,001	84,902	1,776,577	20.80
56-57	.01278	84,402	1,079	83,863	1,691,675	20.04
57-58	.01397	83,323	1,164	82,741	1,607,812	19.30
58-59	.01532	82,159	1,259	81,530	1,525,071	18.56
59-60	.01687	80,900	1,365	80,218	1,443,541	17.84
60-61	.01862	79,535	1,481	78,795	1,363,323	17.14
61-62	.02053	78,054	1,602	77,253	1,284,528	16.46
62-63	.02257	76,452	1,725	75,589	1,207,275	15.79
63-64	.02465	74,727	1,842	73,806	1,131,686	15.14
64-65	.02677	72,885	1,951	71,909	1,057,880	14.51
65-66	.02902	70,934	2,059	69,905	985,971	13.90
66-67	.03146	68,875	2,167	67,791	916,066	13.30
67-68	.03406	66,708	2,272	65,573	848,275	12.72
68-69	.03685	64,436	2,374	63,249	782,702	12.15
69-70	.03990	62,062	2,476	60,824	719,453	11.59
70-71	.04325	59,586	2,577	58,297	658,629	11.05
71-72	.04694	57,009	2,676	55,671	600,332	10.53
72-73	.05101	54,333	2,772	52,947	544,661	10.02
73-74	.05544	51,561	2,858	50,132	491,714	9.54
74-75	.06015	48,703	2,930	47,238	441,582	9.07
75-76	.06523	45,773	2,986	44,280	394,344	8.62
76-77	.07065	42,787	3,023	41,276	350,064	8.18
77-78	.07629	39,764	3,033	38,248	308,788	7.77
78-79	.08217	36,731	3,018	35,221	270,540	7.37
79-80	.08850	33,713	2,984	32,221	235,319	6.98
80-81	.09555	30,729	2,936	29,261	203,098	6.61
81-82	.10347	27,793	2,876	26,355	173,837	6.25
82-83	.11217	24,917	2,795	23,520	147,482	5.92
83-84	.12135	22,122	2,684	20,780	123,962	5.60
84-85	.13074	19,438	2,542	18,167	103,182	5.31
85-86	.14018	16,896	2,368	15,712	85,015	5.03
86-87	.15034	14,528	2,184	13,436	69,303	4.77
87-88	.16032	12,344	1,979	11,355	55,867	4.53
88-89	.17008	10,365	1,763	9,483	44,512	4.29
89-90	.18014	8,602	1,550	7,827	35,029	4.07
90-91	.19112	7,052	1,347	6,379	27,202	3.86
91-92	.20361	5,705	1,162	5,124	20,823	3.65
92-93	.21761	4,543	989	4,048	15,699	3.46
93-94	.23257	3,554	826	3,141	11,651	3.28
94-95	.24734	2,728	675	2,391	8,510	3.12
95-96	.26149	2,053	537	1,784	6,119	2.98
96-97	.27438	1,516	416	1,309	4,335	2.86
97-98	.28654	1,100	315	942	3,026	2.75
98-99	.29797	785	234	668	2,084	2.65
99-100	.30867	551	170	466	1,416	2.57
100-101	.31865	381	121	320	950	2.49
101-102	.32792	260	86	217	630	2.43
102-103	.33650	174	58	146	413	2.36
103-104	.34443	116	40	95	267	2.31
104-105	.35174	76	27	63	172	2.26
105-106	.35845	49	17	40	109	2.22
106-107	.36461	32	12	26	69	2.18
107-108	.37024	20	7	16	43	2.14
108-109	.37539	13	5	11	27	2.10
109-110	.38009	8	3	6	16	2.07

TABLE 3. LIFE TABLE FOR FEMALES: MICHIGAN, 1979-81

AGE IN YEARS	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED	PROPORTION OF PERSONS ALIVE AT BEGINNING OF YEAR OF AGE DYING DURING YEAR	NUMBER LIVING AT BEGINNING OF YEAR OF AGE	NUMBER DYING DURING YEAR OF AGE	IN YEAR OF AGE	IN THIS YEAR OF AGE AND ALL SUBSEQUENT YEARS	AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF YEAR OF AGE
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	$\mathring{e}_x$
0-1	.01161	100,000	1,161	99,032	7,729,481	77.29
1-2	.00065	98,839	65	98,807	7,630,449	77.20
2-3	.00055	98,774	54	98,747	7,531,642	76.25
3-4	.00046	98,720	45	98,698	7,432,895	75.29
4-5	.00037	98,675	37	98,656	7,334,197	74.33
5-6	.00032	98,638	31	98,622	7,235,541	73.35
6-7	.00027	98,607	27	98,593	7,136,919	72.38
7-8	.00024	98,580	24	98,568	7,038,326	71.40
8-9	.00022	98,556	22	98,545	6,939,758	70.41
9-10	.00020	98,534	19	98,524	6,841,213	69.43
10-11	.00019	98,515	19	98,505	6,742,689	68.44
11-12	.00020	98,496	20	98,486	6,644,184	67.46
12-13	.00022	98,476	21	98,466	6,545,698	66.47
13-14	.00026	98,455	25	98,443	6,447,232	65.48
14-15	.00031	98,430	30	98,414	6,348,789	64.50
15-16	.00036	98,400	36	98,383	6,250,375	63.52
16-17	.00041	98,364	40	98,344	6,151,992	62.54
17-18	.00046	98,324	45	98,301	6,053,648	61.57
18-19	.00050	98,279	49	98,255	5,955,347	60.60
19-20	.00053	98,230	52	98,205	5,857,092	59.63
20-21	.00057	98,178	55	98,150	5,758,887	58.66
21-22	.00060	98,123	60	98,093	5,660,737	57.69
22-23	.00063	98,063	62	98,032	5,562,644	56.72
23-24	.00065	98,001	63	97,970	5,464,612	55.76
24-25	.00066	97,938	65	97,905	5,366,642	54.80
25-26	.00067	97,873	66	97,840	5,268,737	53.83
26-27	.00068	97,807	67	97,774	5,170,897	52.87
27-28	.00070	97,740	68	97,706	5,073,123	51.90
28-29	.00073	97,672	71	97,636	4,975,417	50.94
29-30	.00075	97,601	75	97,563	4,877,781	49.98
30-31	.00079	97,526	77	97,488	4,780,218	49.01
31-32	.00083	97,449	81	97,409	4,682,730	48.05
32-33	.00088	97,368	85	97,325	4,585,321	47.09
33-34	.00094	97,283	92	97,237	4,487,996	46.13
34-35	.00102	97,191	98	97,142	4,390,759	45.18
35-36	.00111	97,093	108	97,039	4,293,617	44.22
36-37	.00122	96,985	119	96,925	4,196,578	43.27
37-38	.00133	96,866	128	96,802	4,099,653	42.32
38-39	.00143	96,738	139	96,669	4,002,851	41.38
39-40	.00154	96,599	148	96,525	3,906,182	40.44
40-41	.00166	96,451	160	96,370	3,809,657	39.50
41-42	.00180	96,291	174	96,204	3,713,287	38.56
42-43	.00198	96,117	190	96,023	3,617,083	37.63
43-44	.00217	95,927	208	95,822	3,521,060	36.71
44-45	.00239	95,719	229	95,605	3,425,238	35.78
45-46	.00262	95,490	251	95,364	3,329,633	34.87
46-47	.00288	95,239	274	95,102	3,234,269	33.96
47-48	.00317	94,965	302	94,814	3,139,167	33.06
48-49	.00350	94,663	331	94,498	3,044,353	32.16
49-50	.00384	94,332	362	94,151	2,949,855	31.27
50-51	.00419	93,970	394	93,773	2,855,704	30.39
51-52	.00454	93,576	425	93,364	2,761,931	29.52
52-53	.00493	93,151	459	92,921	2,668,567	28.65
53-54	.00537	92,692	498	92,443	2,575,646	27.79
54-55	.00586	92,194	540	91,923	2,483,203	26.93

TABLE 3. LIFE TABLE FOR FEMALES: MICHIGAN, 1979-81--CON.

AGE IN YEARS	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED	PROPORTION OF PERSONS ALIVE AT BEGINNING OF YEAR OF AGE DYING DURING YEAR	NUMBER LIVING AT BEGINNING OF YEAR OF AGE	NUMBER DYING DURING YEAR OF AGE	IN YEAR OF AGE	IN THIS YEAR OF AGE AND ALL SUBSEQUENT YEARS	AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF YEAR OF AGE
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	$\mathring{e}_x$
55-56	.00637	91,654	585	91,362	2,391,280	26.09
56-57	.00691	91,069	629	90,755	2,299,918	25.25
57-58	.00750	90,440	679	90,100	2,209,163	24.43
58-59	.00817	89,761	733	89,395	2,119,063	23.61
59-60	.00893	89,028	795	88,630	2,029,668	22.80
60-61	.00978	88,233	864	87,801	1,941,038	22.00
61-62	.01072	87,369	937	86,901	1,853,237	21.21
62-63	.01173	86,432	1,013	85,926	1,766,336	20.44
63-64	.01276	85,419	1,090	84,874	1,680,410	19.67
64-65	.01382	84,329	1,165	83,747	1,595,536	18.92
65-66	.01495	83,164	1,243	82,542	1,511,789	18.18
66-67	.01621	81,921	1,328	81,257	1,429,247	17.45
67-68	.01759	80,593	1,417	79,885	1,347,990	16.73
68-69	.01913	79,176	1,514	78,419	1,268,105	16.02
69-70	.02085	77,662	1,619	76,852	1,189,686	15.32
70-71	.02276	76,043	1,731	75,177	1,112,834	14.63
71-72	.02486	74,312	1,847	73,389	1,037,657	13.96
72-73	.02720	72,465	1,971	71,479	964,268	13.31
73-74	.02977	70,494	2,099	69,445	892,789	12.66
74-75	.03259	68,395	2,229	67,281	823,344	12.04
75-76	.03560	66,166	2,355	64,988	756,063	11.43
76-77	.03889	63,811	2,481	62,571	691,075	10.83
77-78	.04266	61,330	2,617	60,021	628,504	10.25
78-79	.04709	58,713	2,765	57,331	568,483	9.68
79-80	.05223	55,948	2,922	54,487	511,152	9.14
80-81	.05795	53,026	3,073	51,490	456,665	8.61
81-82	.06418	49,953	3,206	48,351	405,175	8.11
82-83	.07107	46,747	3,322	45,086	356,824	7.63
83-84	.07859	43,425	3,413	41,718	311,738	7.18
84-85	.08676	40,012	3,471	38,277	270,020	6.75
85-86	.09571	36,541	3,498	34,792	231,743	6.34
86-87	.10552	33,043	3,487	31,299	196,951	5.96
87-88	.11639	29,556	3,410	27,852	165,652	5.60
88-89	.12516	26,146	3,273	24,509	137,800	5.27
89-90	.13539	22,873	3,096	21,325	113,291	4.95
90-91	.14728	19,777	2,913	18,321	91,966	4.65
91-92	.16106	16,864	2,716	15,505	73,645	4.37
92-93	.17557	14,148	2,484	12,906	58,140	4.11
93-94	.18991	11,664	2,215	10,557	45,234	3.88
94-95	.20395	9,449	1,927	8,485	34,677	3.67
95-96	.21823	7,522	1,642	6,701	26,192	3.48
96-97	.23221	5,880	1,365	5,197	19,491	3.31
97-98	.24560	4,515	1,109	3,961	14,294	3.17
98-99	.25834	3,406	880	2,966	10,333	3.03
99-100	.27040	2,526	683	2,184	7,367	2.92
100-101	.28176	1,843	519	1,584	5,183	2.81
101-102	.29242	1,324	387	1,130	3,599	2.72
102-103	.30237	937	284	795	2,469	2.64
103-104	.31163	653	203	551	1,674	2.56
104-105	.32023	450	144	378	1,123	2.50
105-106	.32817	306	101	256	745	2.44
106-107	.33550	205	68	171	489	2.38
107-108	.34224	137	47	113	318	2.33
108-109	.34843	90	31	74	205	2.28
109-110	.35411	59	21	48	131	2.24

TABLE 4. LIFE TABLE FOR THE WHITE POPULATION: MICHIGAN, 1979-81

AGE IN YEARS	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED	PROPORTION OF PERSONS ALIVE AT BEGINNING OF YEAR OF AGE DYING DURING YEAR	NUMBER LIVING AT BEGINNING OF YEAR OF AGE	NUMBER DYING DURING YEAR OF AGE	IN YEAR OF AGE	IN THIS YEAR OF AGE AND ALL SUBSEQUENT YEARS	AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF YEAR OF AGE
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	$\mathring{e}_x$
0-1	.01102	100,000	1,102	99,096	7,445,868	74.46
1-2	.00074	98,898	74	98,861	7,346,772	74.29
2-3	.00056	98,824	55	98,796	7,247,911	73.34
3-4	.00044	98,769	43	98,748	7,149,115	72.38
4-5	.00037	98,726	37	98,707	7,050,367	71.41
5-6	.00033	98,689	32	98,673	6,951,660	70.44
6-7	.00031	98,657	30	98,642	6,852,987	69.46
7-8	.00028	98,627	28	98,612	6,754,345	68.48
8-9	.00025	98,599	26	98,586	6,655,733	67.50
9-10	.00022	98,573	21	98,563	6,557,147	66.52
10-11	.00019	98,552	19	98,542	6,458,584	65.53
11-12	.00019	98,533	19	98,524	6,360,042	64.55
12-13	.00024	98,514	24	98,502	6,261,518	63.56
13-14	.00034	98,490	33	98,474	6,163,016	62.57
14-15	.00048	98,457	47	98,433	6,064,542	61.60
15-16	.00062	98,410	61	98,379	5,966,109	60.63
16-17	.00074	98,349	73	98,313	5,867,730	59.66
17-18	.00084	98,276	82	98,235	5,769,417	58.71
18-19	.00091	98,194	89	98,149	5,671,182	57.75
19-20	.00095	98,105	94	98,059	5,573,033	56.81
20-21	.00100	98,011	97	97,962	5,474,974	55.86
21-22	.00104	97,914	102	97,863	5,377,012	54.92
22-23	.00107	97,812	105	97,759	5,279,149	53.97
23-24	.00107	97,707	105	97,655	5,181,390	53.03
24-25	.00106	97,602	103	97,551	5,083,735	52.09
25-26	.00103	97,499	100	97,449	4,986,184	51.14
26-27	.00101	97,399	99	97,350	4,888,735	50.19
27-28	.00099	97,300	96	97,252	4,791,385	49.24
28-29	.00099	97,204	96	97,155	4,694,133	48.29
29-30	.00099	97,108	97	97,060	4,596,978	47.34
30-31	.00100	97,011	97	96,963	4,499,918	46.39
31-32	.00101	96,914	98	96,865	4,402,955	45.43
32-33	.00104	96,816	100	96,766	4,306,090	44.48
33-34	.00109	96,716	106	96,663	4,209,324	43.52
34-35	.00116	96,610	112	96,554	4,112,661	42.57
35-36	.00126	96,498	122	96,437	4,016,107	41.62
36-37	.00137	96,376	132	96,309	3,919,670	40.67
37-38	.00149	96,244	144	96,172	3,823,361	39.73
38-39	.00162	96,100	156	96,023	3,727,189	38.78
39-40	.00175	95,944	168	95,860	3,631,166	37.85
40-41	.00192	95,776	184	95,684	3,535,306	36.91
41-42	.00212	95,592	203	95,491	3,439,622	35.98
42-43	.00235	95,389	224	95,277	3,344,131	35.06
43-44	.00259	95,165	246	95,042	3,248,854	34.14
44-45	.00286	94,919	272	94,783	3,153,812	33.23
45-46	.00315	94,647	298	94,499	3,059,029	32.32
46-47	.00348	94,349	328	94,185	2,964,530	31.42
47-48	.00386	94,021	363	93,839	2,870,345	30.53
48-49	.00430	93,658	403	93,457	2,776,506	29.65
49-50	.00476	93,255	444	93,033	2,683,049	28.77
50-51	.00523	92,811	485	92,569	2,590,016	27.91
51-52	.00571	92,326	527	92,063	2,497,447	27.05
52-53	.00623	91,799	572	91,513	2,405,384	26.20
53-54	.00684	91,227	624	90,915	2,313,871	25.36
54-55	.00753	90,603	682	90,262	2,222,956	24.54

TABLE 4. LIFE TABLE FOR THE WHITE POPULATION: MICHIGAN, 1979-81—CON.

AGE IN YEARS	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED	PROPORTION OF PERSONS ALIVE AT BEGINNING OF YEAR OF AGE DYING DURING YEAR	NUMBER LIVING AT BEGINNING OF YEAR OF AGE	NUMBER DYING DURING YEAR OF AGE	IN YEAR OF AGE	IN THIS YEAR OF AGE AND ALL SUBSEQUENT YEARS	AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF YEAR OF AGE
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	$\mathring{e}_x$
55-56	.00823	89,921	742	89,550	2,132,694	23.72
56-57	.00901	89,179	804	88,777	2,043,144	22.91
57-58	.00987	88,375	872	87,939	1,954,367	22.11
58-59	.01085	87,503	950	87,029	1,866,428	21.33
59-60	.01198	86,553	1,036	86,035	1,779,399	20.56
60-61	.01325	85,517	1,133	84,950	1,693,364	19.80
61-62	.01463	84,384	1,234	83,766	1,608,414	19.06
62-63	.01609	83,150	1,339	82,481	1,524,648	18.34
63-64	.01759	81,811	1,439	81,092	1,442,167	17.63
64-65	.01913	80,372	1,537	79,603	1,361,075	16.93
65-66	.02076	78,835	1,637	78,017	1,281,472	16.26
66-67	.02256	77,198	1,741	76,328	1,203,455	15.59
67-68	.02447	75,457	1,846	74,533	1,127,127	14.94
68-69	.02652	73,611	1,952	72,635	1,052,594	14.30
69-70	.02874	71,659	2,060	70,629	979,959	13.68
70-71	.03116	69,599	2,168	68,515	909,330	13.07
71-72	.03380	67,431	2,280	66,291	840,815	12.47
72-73	.03673	65,151	2,393	63,955	774,524	11.89
73-74	.03997	62,758	2,508	61,504	710,569	11.32
74-75	.04348	60,250	2,620	58,939	649,065	10.77
75-76	.04725	57,630	2,723	56,269	590,126	10.24
76-77	.05131	54,907	2,817	53,498	533,857	9.72
77-78	.05569	52,090	2,901	50,640	480,359	9.22
78-79	.06050	49,189	2,976	47,701	429,719	8.74
79-80	.06583	46,213	3,042	44,691	382,018	8.27
80-81	.07170	43,171	3,096	41,424	337,327	7.81
81-82	.07816	40,075	3,132	38,509	295,703	7.38
82-83	.08536	36,943	3,153	35,366	257,194	6.96
83-84	.09331	33,790	3,153	32,213	221,828	6.56
84-85	.10195	30,637	3,123	29,076	189,615	6.19
85-86	.11110	27,514	3,057	25,985	160,539	5.83
86-87	.12100	24,457	2,959	22,977	134,554	5.50
87-88	.13080	21,498	2,812	20,092	111,577	5.19
88-89	.14034	18,686	2,623	17,374	91,485	4.90
89-90	.15023	16,063	2,413	14,857	74,111	4.61
90-91	.16169	13,650	2,207	12,546	59,254	4.34
91-92	.17515	11,443	2,004	10,441	46,708	4.08
92-93	.18973	9,439	1,791	8,543	36,267	3.84
93-94	.20458	7,648	1,565	6,866	27,724	3.63
94-95	.21933	6,083	1,334	5,416	20,858	3.43
95-96	.23432	4,749	1,113	4,193	15,442	3.25
96-97	.24900	3,636	905	3,183	11,249	3.09
97-98	.26304	2,731	719	2,372	8,066	2.95
98-99	.27638	2,012	556	1,734	5,694	2.83
99-100	.28900	1,456	421	1,246	3,960	2.72
100-101	.30087	1,035	311	880	2,714	2.62
101-102	.31200	724	226	611	1,834	2.53
102-103	.32238	498	161	418	1,223	2.46
103-104	.33203	337	112	281	805	2.39
104-105	.34098	225	76	187	524	2.32
105-106	.34926	149	52	123	337	2.27
106-107	.35688	97	35	79	214	2.22
107-108	.36390	62	22	51	135	2.17
108-109	.37033	40	15	32	84	2.13
109-110	.37623	25	9	20	52	2.08

TABLE 5. LIFE TABLE FOR WHITE MALES: MICHIGAN, 1979-81

AGE IN YEARS	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED	PROPORTION OF PERSONS ALIVE AT BEGINNING OF YEAR OF AGE DYING DURING YEAR	NUMBER LIVING AT BEGINNING OF YEAR OF AGE	NUMBER DYING DURING YEAR OF AGE	IN YEAR OF AGE	IN THIS YEAR OF AGE AND ALL SUBSEQUENT YEARS	AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF YEAR OF AGE
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	$\mathring{e}_x$
0-1	.01241	100,000	1,241	98,987	7,094,241	70.94
1-2	.00089	98,759	88	98,715	6,995,254	70.83
2-3	.00062	98,671	61	98,640	6,896,539	69.89
3-4	.00047	98,610	46	98,587	6,797,899	68.94
4-5	.00039	98,564	39	98,544	6,699,312	67.97
5-6	.00037	98,525	36	98,507	6,600,768	67.00
6-7	.00035	98,489	35	98,472	6,502,261	66.02
7-8	.00033	98,454	32	98,438	6,403,789	65.04
8-9	.00029	98,422	29	98,407	6,305,351	64.06
9-10	.00024	98,393	24	98,381	6,206,944	63.08
10-11	.00020	98,369	20	98,359	6,108,563	62.10
11-12	.00020	98,349	19	98,340	6,010,204	61.11
12-13	.00027	98,330	26	98,316	5,911,864	60.12
13-14	.00043	98,304	43	98,283	5,813,548	59.14
14-15	.00065	98,261	63	98,229	5,715,265	58.16
15-16	.00087	98,198	86	98,155	5,617,036	57.20
16-17	.00106	98,112	104	98,061	5,518,881	56.25
17-18	.00122	98,008	119	97,948	5,420,820	55.31
18-19	.00133	97,889	130	97,824	5,322,872	54.38
19-20	.00140	97,759	137	97,691	5,225,048	53.45
20-21	.00147	97,622	143	97,551	5,127,357	52.52
21-22	.00154	97,479	151	97,403	5,029,806	51.60
22-23	.00158	97,328	154	97,252	4,932,403	50.68
23-24	.00158	97,174	154	97,097	4,835,151	49.76
24-25	.00156	97,020	151	96,945	4,738,054	48.84
25-26	.00152	96,869	146	96,796	4,641,109	47.91
26-27	.00147	96,723	143	96,651	4,544,313	46.98
27-28	.00144	96,580	139	96,511	4,447,662	46.05
28-29	.00142	96,441	137	96,372	4,351,151	45.12
29-30	.00142	96,304	137	96,236	4,254,779	44.18
30-31	.00141	96,167	135	96,099	4,158,543	43.24
31-32	.00141	96,032	136	95,964	4,062,444	42.30
32-33	.00143	95,896	138	95,827	3,966,480	41.36
33-34	.00147	95,758	141	95,688	3,870,653	40.42
34-35	.00154	95,617	147	95,543	3,774,965	39.48
35-36	.00163	95,470	156	95,392	3,679,422	38.54
36-37	.00175	95,314	167	95,231	3,584,030	37.60
37-38	.00188	95,147	178	95,058	3,488,799	36.67
38-39	.00203	94,969	193	94,872	3,393,741	35.74
39-40	.00220	94,776	209	94,671	3,298,869	34.81
40-41	.00242	94,567	229	94,453	3,204,198	33.88
41-42	.00269	94,338	254	94,211	3,109,745	32.96
42-43	.00298	94,084	281	93,943	3,015,534	32.05
43-44	.00329	93,803	309	93,649	2,921,591	31.15
44-45	.00363	93,494	339	93,324	2,827,942	30.25
45-46	.00399	93,155	372	92,969	2,734,618	29.36
46-47	.00442	92,783	410	92,578	2,641,649	28.47
47-48	.00493	92,373	456	92,145	2,549,071	27.60
48-49	.00551	91,917	506	91,664	2,456,926	26.73
49-50	.00614	91,411	561	91,131	2,365,262	25.88
50-51	.00676	90,850	614	90,542	2,274,131	25.03
51-52	.00740	90,236	668	89,902	2,183,589	24.20
52-53	.00810	89,568	726	89,205	2,093,687	23.38
53-54	.00892	88,842	792	88,447	2,004,482	22.56
54-55	.00986	88,050	868	87,616	1,916,035	21.76

TABLE 5. LIFE TABLE FOR WHITE MALES: MICHIGAN, 1979-81—CON.

AGE IN YEARS	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED	PROPORTION OF PERSONS ALIVE AT BEGINNING OF YEAR OF AGE DYING DURING YEAR	NUMBER LIVING AT BEGINNING OF YEAR OF AGE	NUMBER DYING DURING YEAR OF AGE	IN YEAR OF AGE	IN THIS YEAR OF AGE AND ALL SUBSEQUENT YEARS	AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF YEAR OF AGE
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	$\mathring{e}_x$
55-56	.01086	87,182	947	86,708	1,828,419	20.97
56-57	.01192	86,235	1,028	85,721	1,741,711	20.20
57-58	.01310	85,207	1,116	84,649	1,655,990	19.43
58-59	.01446	84,091	1,216	83,483	1,571,341	18.69
59-60	.01601	82,875	1,327	82,212	1,487,858	17.95
60-61	.01775	81,548	1,448	80,824	1,405,646	17.24
61-62	.01966	80,100	1,574	79,312	1,324,822	16.54
62-63	.02169	78,526	1,704	77,674	1,245,510	15.86
63-64	.02378	76,822	1,827	75,909	1,167,836	15.20
64-65	.02593	74,995	1,944	74,023	1,091,927	14.56
65-66	.02822	73,051	2,062	72,020	1,017,904	13.93
66-67	.03072	70,989	2,181	69,899	945,884	13.32
67-68	.03339	68,808	2,297	67,660	875,985	12.73
68-69	.03627	66,511	2,413	65,304	808,325	12.15
69-70	.03943	64,098	2,527	62,835	743,021	11.59
70-71	.04290	61,571	2,642	60,250	680,186	11.05
71-72	.04671	58,929	2,752	57,553	619,936	10.52
72-73	.05088	56,177	2,858	54,748	562,383	10.01
73-74	.05536	53,319	2,952	51,843	507,635	9.52
74-75	.06009	50,367	3,026	48,854	455,792	9.05
75-76	.06517	47,341	3,085	45,798	406,938	8.60
76-77	.07060	44,256	3,125	42,694	361,140	8.16
77-78	.07625	41,131	3,136	39,563	318,446	7.74
78-79	.08218	37,995	3,122	36,434	278,883	7.34
79-80	.08857	34,873	3,089	33,328	242,449	6.95
80-81	.09566	31,784	3,041	30,264	209,121	6.58
81-82	.10359	28,743	2,977	27,254	178,857	6.22
82-83	.11236	25,766	2,895	24,319	151,603	5.88
83-84	.12171	22,871	2,784	21,479	127,284	5.57
84-85	.13140	20,087	2,639	18,768	105,805	5.27
85-86	.14111	17,448	2,462	16,216	87,037	4.99
86-87	.15145	14,986	2,270	13,851	70,821	4.73
87-88	.16156	12,716	2,054	11,689	56,970	4.48
88-89	.17138	10,662	1,827	9,749	45,281	4.25
89-90	.18156	8,835	1,604	8,032	35,532	4.02
90-91	.19287	7,231	1,395	6,533	27,500	3.80
91-92	.20593	5,836	1,202	5,235	20,967	3.59
92-93	.22058	4,634	1,022	4,123	15,732	3.39
93-94	.23612	3,612	853	3,186	11,609	3.21
94-95	.25140	2,759	694	2,412	8,423	3.05
95-96	.26617	2,065	549	1,791	6,011	2.91
96-97	.28001	1,516	425	1,303	4,220	2.78
97-98	.29311	1,091	320	932	2,917	2.67
98-99	.30545	771	235	653	1,985	2.57
99-100	.31703	536	170	451	1,332	2.49
100-101	.32784	366	120	306	881	2.41
101-102	.33791	246	83	205	575	2.34
102-103	.34724	163	57	134	370	2.28
103-104	.35588	106	38	87	236	2.22
104-105	.36384	68	24	56	149	2.17
105-106	.37117	44	17	36	93	2.12
106-107	.37790	27	10	22	57	2.08
107-108	.38407	17	7	14	35	2.04
108-109	.38971	10	4	8	21	2.01
109-110	.39486	6	2	6	13	1.97

TABLE 6. LIFE TABLE FOR WHITE FEMALES: MICHIGAN, 1979-81

AGE IN YEARS	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED	PROPORTION OF PERSONS ALIVE AT BEGINNING OF YEAR OF AGE DYING DURING YEAR	NUMBER LIVING AT BEGINNING OF YEAR OF AGE	NUMBER DYING DURING YEAR OF AGE	IN YEAR OF AGE	IN THIS YEAR OF AGE AND ALL SUBSEQUENT YEARS	AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF YEAR OF AGE
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	$\mathring{e}_x$
0-1	.00956	100,000	956	99,209	7,799,237	77.99
1-2	.00059	99,044	58	99,015	7,700,028	77.74
2-3	.00049	98,986	49	98,961	7,601,013	76.79
3-4	.00041	98,937	41	98,917	7,502,052	75.83
4-5	.00034	98,896	33	98,879	7,403,135	74.86
5-6	.00029	98,863	29	98,848	7,304,256	73.88
6-7	.00026	98,834	26	98,821	7,205,408	72.90
7-8	.00023	98,808	23	98,797	7,106,587	71.92
8-9	.00021	98,785	21	98,774	7,007,790	70.94
9-10	.00019	98,764	19	98,755	6,909,016	69.95
10-11	.00018	98,745	18	98,735	6,810,261	68.97
11-12	.00019	98,727	19	98,718	6,711,526	67.98
12-13	.00021	98,708	20	98,698	6,612,808	66.99
13-14	.00025	98,688	25	98,675	6,514,110	66.01
14-15	.00030	98,663	30	98,648	6,415,435	65.02
15-16	.00036	98,633	35	98,616	6,316,787	64.04
16-17	.00041	98,598	40	98,579	6,218,171	63.07
17-18	.00045	98,558	44	98,536	6,119,592	62.09
18-19	.00048	98,514	47	98,491	6,021,056	61.12
19-20	.00050	98,467	49	98,442	5,922,565	60.15
20-21	.00052	98,418	52	98,392	5,824,123	59.18
21-22	.00055	98,366	53	98,340	5,725,731	58.21
22-23	.00056	98,313	56	98,285	5,627,391	57.24
23-24	.00056	98,257	55	98,229	5,529,106	56.27
24-25	.00056	98,202	55	98,175	5,430,877	55.30
25-26	.00055	98,147	54	98,120	5,332,702	54.33
26-27	.00054	98,093	53	98,067	5,234,582	53.36
27-28	.00054	98,040	53	98,013	5,136,515	52.39
28-29	.00055	97,987	54	97,960	5,038,502	51.42
29-30	.00057	97,933	56	97,905	4,940,542	50.45
30-31	.00059	97,877	57	97,849	4,842,637	49.48
31-32	.00061	97,820	60	97,789	4,744,788	48.51
32-33	.00065	97,760	64	97,728	4,646,999	47.53
33-34	.00071	97,696	70	97,661	4,549,271	46.57
34-35	.00079	97,626	77	97,588	4,451,610	45.60
35-36	.00089	97,549	87	97,506	4,354,022	44.63
36-37	.00100	97,462	97	97,413	4,256,516	43.67
37-38	.00111	97,365	109	97,311	4,159,103	42.72
38-39	.00122	97,256	118	97,197	4,061,792	41.76
39-40	.00131	97,138	128	97,074	3,964,595	40.81
40-41	.00143	97,010	138	96,941	3,867,521	39.87
41-42	.00157	96,872	152	96,796	3,770,580	38.92
42-43	.00173	96,720	167	96,636	3,673,784	37.98
43-44	.00191	96,553	185	96,461	3,577,148	37.05
44-45	.00212	96,368	204	96,266	3,480,687	36.12
45-46	.00234	96,164	225	96,051	3,384,421	35.19
46-47	.00258	95,939	248	95,815	3,288,370	34.28
47-48	.00285	95,691	272	95,555	3,192,555	33.36
48-49	.00314	95,419	300	95,269	3,097,000	32.46
49-50	.00344	95,119	328	94,955	3,001,731	31.56
50-51	.00375	94,791	355	94,614	2,906,776	30.66
51-52	.00407	94,436	384	94,244	2,812,162	29.78
52-53	.00443	94,052	417	93,843	2,717,918	28.90
53-54	.00484	93,635	453	93,409	2,624,075	28.02
54-55	.00530	93,182	494	92,935	2,530,666	27.16

TABLE 6. LIFE TABLE FOR WHITE FEMALES: MICHIGAN, 1979-81—CON.

AGE IN YEARS	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED	PROPORTION OF PERSONS ALIVE AT BEGINNING OF YEAR OF AGE DYING DURING YEAR	NUMBER LIVING AT BEGINNING OF YEAR OF AGE	NUMBER DYING DURING YEAR OF AGE	IN YEAR OF AGE	IN THIS YEAR OF AGE AND ALL SUBSEQUENT YEARS	AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF YEAR OF AGE
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	$\mathring{e}_x$
55-56	.00580	92,688	537	92,419	2,437,731	26.30
56-57	.00631	92,151	582	91,860	2,345,312	25.45
57-58	.00689	91,569	631	91,254	2,253,452	24.61
58-59	.00756	90,938	687	90,594	2,162,198	23.78
59-60	.00832	90,251	751	89,876	2,071,604	22.95
60-61	.00919	89,500	822	89,089	1,981,728	22.14
61-62	.01013	88,678	898	88,229	1,892,639	21.34
62-63	.01114	87,780	979	87,291	1,804,410	20.56
63-64	.01217	86,801	1,056	86,273	1,717,119	19.78
64-65	.01324	85,745	1,135	85,177	1,630,846	19.02
65-66	.01438	84,610	1,217	84,001	1,545,669	18.27
66-67	.01566	83,393	1,306	82,740	1,461,668	17.53
67-68	.01704	82,087	1,399	81,387	1,378,928	16.80
68-69	.01855	80,688	1,497	79,939	1,297,541	16.08
69-70	.02022	79,191	1,601	78,391	1,217,602	15.38
70-71	.02204	77,590	1,710	76,735	1,139,211	14.68
71-72	.02405	75,880	1,825	74,968	1,062,476	14.00
72-73	.02633	74,055	1,950	73,080	987,508	13.33
73-74	.02891	72,105	2,084	71,063	914,428	12.68
74-75	.03180	70,021	2,227	68,907	843,365	12.04
75-76	.03491	67,794	2,367	66,610	774,458	11.42
76-77	.03831	65,427	2,507	64,174	707,848	10.82
77-78	.04219	62,920	2,654	61,593	643,674	10.23
78-79	.04670	60,266	2,815	58,859	582,081	9.66
79-80	.05190	57,451	2,981	55,960	523,222	9.11
80-81	.05764	54,470	3,140	52,900	467,262	8.58
81-82	.06389	51,330	3,279	49,691	414,362	8.07
82-83	.07083	48,051	3,403	46,349	364,671	7.59
83-84	.07852	44,648	3,506	42,895	318,322	7.13
84-85	.08696	41,142	3,578	39,353	275,427	6.69
85-86	.09619	37,564	3,613	35,757	236,074	6.28
86-87	.10625	33,951	3,607	32,148	200,317	5.90
87-88	.11633	30,344	3,530	28,578	168,169	5.54
88-89	.12626	26,814	3,386	25,121	139,591	5.21
89-90	.13667	23,428	3,202	21,828	114,470	4.89
90-91	.14886	20,226	3,011	18,720	92,642	4.58
91-92	.16309	17,215	2,807	15,812	73,922	4.29
92-93	.17808	14,408	2,566	13,125	58,110	4.03
93-94	.19285	11,842	2,284	10,700	44,985	3.80
94-95	.20734	9,558	1,982	8,567	34,285	3.59
95-96	.22228	7,576	1,684	6,734	25,718	3.39
96-97	.23729	5,892	1,398	5,194	18,984	3.22
97-98	.25173	4,494	1,131	3,928	13,790	3.07
98-99	.26551	3,363	893	2,917	9,862	2.93
99-100	.27859	2,470	688	2,125	6,945	2.81
100-101	.29094	1,782	519	1,523	4,820	2.70
101-102	.30255	1,263	382	1,072	3,297	2.61
102-103	.31342	881	276	743	2,225	2.52
103-104	.32355	605	196	508	1,482	2.45
104-105	.33297	409	136	341	974	2.38
105-106	.34168	273	93	226	633	2.32
106-107	.34973	180	63	148	407	2.26
107-108	.35715	117	42	96	259	2.21
108-109	.36397	75	27	62	163	2.17
109-110	.37022	48	18	39	101	2.12

TABLE 7. LIFE TABLE FOR THE POPULATION OTHER THAN WHITE: MICHIGAN, 1979-81

AGE IN YEARS	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED	PROPORTION OF PERSONS ALIVE AT BEGINNING OF YEAR OF AGE DYING DURING YEAR	NUMBER LIVING AT BEGINNING OF YEAR OF AGE	NUMBER DYING DURING YEAR OF AGE	IN YEAR OF AGE	IN THIS YEAR OF AGE AND ALL SUBSEQUENT YEARS	AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF YEAR OF AGE
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	$\mathring{e}_x$
0-1	.02250	100,000	2,250	98,127	6,891,403	68.91
1-2	.00108	97,750	106	97,697	6,793,276	69.50
2-3	.00091	97,644	89	97,600	6,695,579	68.57
3-4	.00075	97,555	72	97,519	6,597,979	67.63
4-5	.00060	97,483	59	97,453	6,500,460	66.68
5-6	.00046	97,424	45	97,402	6,403,007	65.72
6-7	.00037	97,379	36	97,361	6,305,605	64.75
7-8	.00032	97,343	31	97,327	6,208,244	63.78
8-9	.00027	97,312	27	97,299	6,110,917	62.80
9-10	.00025	97,285	24	97,274	6,013,618	61.81
10-11	.00024	97,261	23	97,250	5,916,344	60.83
11-12	.00025	97,238	24	97,226	5,819,094	59.84
12-13	.00030	97,214	29	97,199	5,721,868	58.86
13-14	.00039	97,185	38	97,166	5,624,669	57.88
14-15	.00050	97,147	49	97,122	5,527,503	56.90
15-16	.00064	97,098	62	97,067	5,430,381	55.93
16-17	.00078	97,036	76	96,999	5,333,314	54.96
17-18	.00093	96,960	90	96,914	5,236,315	54.00
18-19	.00109	96,870	106	96,817	5,139,401	53.05
19-20	.00125	96,764	121	96,704	5,042,584	52.11
20-21	.00142	96,643	137	96,574	4,945,880	51.18
21-22	.00159	96,506	153	96,430	4,849,306	50.25
22-23	.00175	96,353	169	96,268	4,752,876	49.33
23-24	.00192	96,184	184	96,092	4,656,608	48.41
24-25	.00207	96,000	199	95,900	4,560,516	47.51
25-26	.00223	95,801	214	95,694	4,464,616	46.60
26-27	.00239	95,587	228	95,473	4,368,922	45.71
27-28	.00255	95,359	244	95,237	4,273,449	44.81
28-29	.00273	95,115	259	94,985	4,178,212	43.93
29-30	.00291	94,856	276	94,718	4,083,227	43.05
30-31	.00310	94,580	293	94,434	3,988,509	42.17
31-32	.00329	94,287	310	94,133	3,894,075	41.30
32-33	.00346	93,977	324	93,815	3,799,942	40.43
33-34	.00359	93,653	337	93,484	3,706,127	39.57
34-35	.00371	93,316	346	93,143	3,612,643	38.71
35-36	.00384	92,970	357	92,791	3,519,500	37.86
36-37	.00399	92,613	370	92,428	3,426,709	37.00
37-38	.00417	92,243	385	92,051	3,334,281	36.15
38-39	.00439	91,858	403	91,657	3,242,230	35.30
39-40	.00463	91,455	423	91,243	3,150,573	34.45
40-41	.00492	91,032	448	90,808	3,059,330	33.61
41-42	.00525	90,584	475	90,347	2,968,522	32.77
42-43	.00562	90,109	506	89,856	2,878,175	31.94
43-44	.00602	89,603	540	89,333	2,788,319	31.12
44-45	.00644	89,063	574	88,776	2,698,986	30.30
45-46	.00687	88,489	608	88,185	2,610,210	29.50
46-47	.00733	87,881	644	87,559	2,522,025	28.70
47-48	.00791	87,237	690	86,892	2,434,466	27.91
48-49	.00861	86,547	745	86,175	2,347,574	27.12
49-50	.00941	85,802	808	85,398	2,261,399	26.36
50-51	.01022	84,994	868	84,560	2,176,001	25.60
51-52	.01100	84,126	925	83,663	2,091,441	24.86
52-53	.01180	83,201	982	82,710	2,007,778	24.13
53-54	.01264	82,219	1,039	81,699	1,925,068	23.41
54-55	.01352	81,180	1,098	80,631	1,843,369	22.71

TABLE 7. LIFE TABLE FOR THE POPULATION OTHER THAN WHITE: MICHIGAN, 1979-81--CON.

AGE IN YEARS	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED	PROPORTION OF PERSONS ALIVE AT BEGINNING OF YEAR OF AGE DYING DURING YEAR	NUMBER LIVING AT BEGINNING OF YEAR OF AGE	NUMBER DYING DURING YEAR OF AGE	IN YEAR OF AGE	IN THIS YEAR OF AGE AND ALL SUBSEQUENT YEARS	AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF YEAR OF AGE
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	$\mathring{e}_x$
55-56	.01445	80,082	1,157	79,504	1,762,738	22.01
56-57	.01540	78,925	1,216	78,317	1,683,234	21.33
57-58	.01640	77,709	1,274	77,072	1,604,917	20.65
58-59	.01747	76,435	1,335	75,767	1,527,845	19.99
59-60	.01863	75,100	1,399	74,400	1,452,078	19.34
60-61	.01993	73,701	1,469	72,966	1,377,678	18.69
61-62	.02136	72,232	1,544	71,460	1,304,712	18.06
62-63	.02284	70,688	1,614	69,881	1,233,252	17.45
63-64	.02427	69,074	1,676	68,236	1,163,371	16.84
64-65	.02561	67,398	1,726	66,534	1,095,135	16.25
65-66	.02693	65,672	1,769	64,788	1,028,601	15.66
66-67	.02833	63,903	1,810	62,998	963,813	15.08
67-68	.02991	62,093	1,857	61,164	900,815	14.51
68-69	.03181	60,236	1,917	59,277	839,651	13.94
69-70	.03411	58,319	1,989	57,325	780,374	13.38
70-71	.03677	56,330	2,071	55,294	723,049	12.84
71-72	.03969	54,259	2,154	53,182	667,755	12.31
72-73	.04286	52,105	2,233	50,988	614,573	11.79
73-74	.04606	49,872	2,297	48,724	563,585	11.30
74-75	.04922	47,575	2,342	46,404	514,861	10.82
75-76	.05248	45,233	2,374	44,046	468,457	10.36
76-77	.05601	42,859	2,400	41,659	424,411	9.90
77-78	.05981	40,459	2,420	39,249	382,752	9.46
78-79	.06411	38,039	2,439	36,819	343,503	9.03
79-80	.06906	35,600	2,458	34,371	306,684	8.61
80-81	.07495	33,142	2,484	31,900	272,313	8.22
81-82	.08156	30,658	2,501	29,408	240,413	7.84
82-83	.08822	28,157	2,484	26,915	211,005	7.49
83-84	.09399	25,673	2,413	24,466	184,090	7.17
84-85	.09859	23,260	2,293	22,114	159,624	6.86
85-86	.10319	20,967	2,164	19,885	137,510	6.56
86-87	.10887	18,803	2,047	17,779	117,625	6.26
87-88	.11529	16,756	1,932	15,791	99,846	5.96
88-89	.12269	14,824	1,818	13,915	84,055	5.67
89-90	.13098	13,006	1,704	12,154	70,140	5.39
90-91	.13952	11,302	1,577	10,513	57,986	5.13
91-92	.14856	9,725	1,445	9,003	47,473	4.88
92-93	.15903	8,280	1,316	7,622	38,470	4.65
93-94	.17107	6,964	1,192	6,368	30,848	4.43
94-95	.18388	5,772	1,061	5,241	24,480	4.24
95-96	.19626	4,711	925	4,249	19,239	4.08
96-97	.20435	3,786	773	3,399	14,990	3.96
97-98	.21193	3,013	639	2,694	11,591	3.85
98-99	.21901	2,374	520	2,114	8,897	3.75
99-100	.22559	1,854	418	1,645	6,783	3.66
100-101	.23170	1,436	333	1,270	5,138	3.58
101-102	.23734	1,103	262	972	3,868	3.51
102-103	.24254	841	204	739	2,896	3.44
103-104	.24732	637	157	559	2,157	3.38
104-105	.25171	480	121	419	1,598	3.33
105-106	.25573	359	92	313	1,179	3.28
106-107	.25941	267	69	233	866	3.24
107-108	.26277	198	52	171	633	3.20
108-109	.26583	146	39	127	462	3.16
109-110	.26861	107	29	93	335	3.13

TABLE 8. LIFE TABLE FOR MALES OTHER THAN WHITE: MICHIGAN, 1979-81

AGE IN YEARS	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED	PROPORTION OF PERSONS ALIVE AT BEGINNING OF YEAR OF AGE DYING DURING YEAR	NUMBER LIVING AT BEGINNING OF YEAR OF AGE	NUMBER DYING DURING YEAR OF AGE	IN YEAR OF AGE	IN THIS YEAR OF AGE AND ALL SUBSEQUENT YEARS	AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF YEAR OF AGE
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	$\mathring{e}_x$
0-1	.02413	100,000	2,413	98,017	6,472,852	64.73
1-2	.00122	97,587	119	97,527	6,374,835	65.32
2-3	.00100	97,468	98	97,419	6,277,308	64.40
3-4	.00082	97,370	80	97,330	6,179,889	63.47
4-5	.00068	97,290	66	97,258	6,082,559	62.52
5-6	.00050	97,224	49	97,199	5,985,301	61.56
6-7	.00042	97,175	40	97,155	5,888,102	60.59
7-8	.00035	97,135	35	97,118	5,790,947	59.62
8-9	.00030	97,100	29	97,086	5,693,829	58.64
9-10	.00027	97,071	26	97,058	5,596,743	57.66
10-11	.00025	97,045	24	97,033	5,499,685	56.67
11-12	.00027	97,021	26	97,007	5,402,652	55.69
12-13	.00034	96,995	33	96,979	5,305,645	54.70
13-14	.00048	96,962	47	96,938	5,208,666	53.72
14-15	.00068	96,915	66	96,882	5,111,728	52.74
15-16	.00090	96,849	87	96,806	5,014,846	51.78
16-17	.00113	96,762	109	96,707	4,918,040	50.83
17-18	.00136	96,653	132	96,587	4,821,333	49.88
18-19	.00160	96,521	154	96,445	4,724,746	48.95
19-20	.00183	96,367	176	96,279	4,628,301	48.03
20-21	.00207	96,191	199	96,092	4,532,022	47.11
21-22	.00233	95,992	223	95,880	4,435,930	46.21
22-23	.00258	95,769	248	95,645	4,340,050	45.32
23-24	.00283	95,521	270	95,387	4,244,405	44.43
24-25	.00304	95,251	291	95,105	4,149,018	43.56
25-26	.00328	94,960	312	94,805	4,053,913	42.69
26-27	.00351	94,648	332	94,482	3,959,108	41.83
27-28	.00375	94,316	353	94,139	3,864,626	40.98
28-29	.00400	93,963	377	93,775	3,770,487	40.13
29-30	.00427	93,586	399	93,386	3,676,712	39.29
30-31	.00455	93,187	425	92,975	3,583,326	38.45
31-32	.00483	92,762	448	92,538	3,490,351	37.63
32-33	.00506	92,314	467	92,081	3,397,813	36.81
33-34	.00523	91,847	481	91,606	3,305,732	35.99
34-35	.00537	91,366	490	91,121	3,214,126	35.18
35-36	.00549	90,876	499	90,627	3,123,005	34.37
36-37	.00565	90,377	511	90,121	3,032,378	33.55
37-38	.00587	89,866	527	89,603	2,942,257	32.74
38-39	.00616	89,339	550	89,063	2,852,654	31.93
39-40	.00652	88,789	580	88,500	2,763,591	31.13
40-41	.00696	88,209	614	87,902	2,675,091	30.33
41-42	.00746	87,595	653	87,268	2,587,189	29.54
42-43	.00800	86,942	696	86,594	2,499,921	28.75
43-44	.00857	86,246	739	85,876	2,413,327	27.98
44-45	.00914	85,507	781	85,117	2,327,451	27.22
45-46	.00971	84,726	823	84,314	2,242,334	26.47
46-47	.01034	83,903	868	83,468	2,158,020	25.72
47-48	.01107	83,035	919	82,576	2,074,552	24.98
48-49	.01192	82,116	979	81,626	1,991,976	24.26
49-50	.01284	81,137	1,042	80,616	1,910,350	23.54
50-51	.01375	80,095	1,101	79,545	1,829,734	22.84
51-52	.01464	78,994	1,156	78,415	1,750,189	22.16
52-53	.01554	77,838	1,210	77,233	1,671,774	21.48
53-54	.01649	76,628	1,263	75,997	1,594,541	20.81
54-55	.01750	75,365	1,320	74,705	1,518,544	20.15

TABLE 8. LIFE TABLE FOR MALES OTHER THAN WHITE: MICHIGAN, 1979-81—CON.

AGE IN YEARS	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED	PROPORTION OF PERSONS ALIVE AT BEGINNING OF YEAR OF AGE DYING DURING YEAR	NUMBER LIVING AT BEGINNING OF YEAR OF AGE	NUMBER DYING DURING YEAR OF AGE	IN YEAR OF AGE	IN THIS YEAR OF AGE AND ALL SUBSEQUENT YEARS	AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF YEAR OF AGE
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	$\mathring{e}_x$
55-56	.01854	74,045	1,372	73,359	1,443,839	19.50
56-57	.01961	72,673	1,425	71,960	1,370,480	18.86
57-58	.02081	71,248	1,483	70,507	1,298,520	18.23
58-59	.02223	69,765	1,551	68,990	1,228,013	17.60
59-60	.02391	68,214	1,630	67,399	1,159,023	16.99
60-61	.02584	66,584	1,721	65,724	1,091,624	16.39
61-62	.02796	64,863	1,813	63,956	1,025,900	15.82
62-63	.03013	63,050	1,900	62,100	961,944	15.26
63-64	.03214	61,150	1,965	60,168	899,844	14.72
64-65	.03394	59,185	2,008	58,181	839,676	14.19
65-66	.03574	57,177	2,043	56,155	781,495	13.67
66-67	.03766	55,134	2,077	54,095	725,340	13.16
67-68	.03959	53,057	2,100	52,007	671,245	12.65
68-69	.04162	50,957	2,121	49,896	619,238	12.15
69-70	.04386	48,836	2,142	47,765	569,342	11.66
70-71	.04627	46,694	2,161	45,614	521,577	11.17
71-72	.04894	44,533	2,179	43,443	475,963	10.69
72-73	.05221	42,354	2,212	41,248	432,520	10.21
73-74	.05620	40,142	2,256	39,014	391,272	9.75
74-75	.06075	37,886	2,301	36,735	352,258	9.30
75-76	.06580	35,585	2,342	34,414	315,523	8.87
76-77	.07115	33,243	2,365	32,061	281,109	8.46
77-78	.07659	30,878	2,365	29,696	249,048	8.07
78-79	.08206	28,513	2,339	27,343	219,352	7.69
79-80	.08777	26,174	2,298	25,025	192,009	7.34
80-81	.09447	23,876	2,255	22,748	166,984	6.99
81-82	.10225	21,621	2,211	20,516	144,236	6.67
82-83	.11020	19,410	2,139	18,340	123,720	6.37
83-84	.11728	17,271	2,026	16,258	105,380	6.10
84-85	.12304	15,245	1,875	14,307	89,122	5.85
85-86	.12865	13,370	1,720	12,510	74,815	5.60
86-87	.13536	11,650	1,577	10,861	62,305	5.35
87-88	.14286	10,073	1,439	9,353	51,444	5.11
88-89	.15141	8,634	1,307	7,981	42,091	4.88
89-90	.16068	7,327	1,178	6,737	34,110	4.66
90-91	.16929	6,149	1,041	5,629	27,373	4.45
91-92	.17768	5,108	907	4,655	21,744	4.26
92-93	.18771	4,201	789	3,806	17,089	4.07
93-94	.19984	3,412	682	3,072	13,283	3.89
94-95	.21298	2,730	581	2,439	10,211	3.74
95-96	.22554	2,149	485	1,907	7,772	3.62
96-97	.23274	1,664	387	1,470	5,865	3.52
97-98	.23944	1,277	306	1,124	4,395	3.44
98-99	.24563	971	238	852	3,271	3.37
99-100	.25135	733	185	640	2,419	3.30
100-101	.25662	548	140	479	1,779	3.24
101-102	.26146	408	107	354	1,300	3.19
102-103	.26590	301	80	261	946	3.14
103-104	.26996	221	60	191	685	3.10
104-105	.27367	161	44	140	494	3.06
105-106	.27706	117	32	101	354	3.02
106-107	.28014	85	24	72	253	2.99
107-108	.28295	61	17	53	181	2.96
108-109	.28550	44	13	37	128	2.93
109-110	.28782	31	9	27	91	2.90

TABLE 9. LIFE TABLE FOR FEMALES OTHER THAN WHITE: MICHIGAN, 1979-81

AGE IN YEARS	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED	PROPORTION OF PERSONS ALIVE AT BEGINNING OF YEAR OF AGE DYING DURING YEAR	NUMBER LIVING AT BEGINNING OF YEAR OF AGE	NUMBER DYING DURING YEAR OF AGE	IN YEAR OF AGE	IN THIS YEAR OF AGE AND ALL SUBSEQUENT YEARS	AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF YEAR OF AGE
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	$\mathring{e}_x$
0-1	.02083	100,000	2,083	98,239	7,316,984	73.17
1-2	.00095	97,917	92	97,871	7,218,745	73.72
2-3	.00082	97,825	80	97,785	7,120,874	72.79
3-4	.00067	97,745	65	97,712	7,023,089	71.85
4-5	.00052	97,680	51	97,654	6,925,377	70.90
5-6	.00041	97,629	41	97,608	6,827,723	69.94
6-7	.00033	97,588	32	97,573	6,730,115	68.96
7-8	.00028	97,556	27	97,542	6,632,542	67.99
8-9	.00024	97,529	24	97,517	6,535,000	67.01
9-10	.00023	97,505	22	97,494	6,437,483	66.02
10-11	.00022	97,483	22	97,472	6,339,989	65.04
11-12	.00024	97,461	23	97,450	6,242,517	64.05
12-13	.00026	97,438	25	97,425	6,145,067	63.07
13-14	.00029	97,413	28	97,399	6,047,642	62.08
14-15	.00033	97,385	33	97,368	5,950,243	61.10
15-16	.00038	97,352	36	97,334	5,852,875	60.12
16-17	.00044	97,316	43	97,294	5,755,541	59.14
17-18	.00051	97,273	50	97,249	5,658,247	58.17
18-19	.00060	97,223	59	97,193	5,560,998	57.20
19-20	.00071	97,164	68	97,130	5,463,805	56.23
20-21	.00081	97,096	79	97,057	5,366,675	55.27
21-22	.00092	97,017	90	96,971	5,269,618	54.32
22-23	.00103	96,927	99	96,878	5,172,647	53.37
23-24	.00113	96,828	110	96,773	5,075,769	52.42
24-25	.00123	96,718	119	96,659	4,978,996	51.48
25-26	.00133	96,599	129	96,534	4,882,337	50.54
26-27	.00144	96,470	138	96,402	4,785,803	49.61
27-28	.00154	96,332	149	96,257	4,689,401	48.68
28-29	.00165	96,183	159	96,104	4,593,144	47.75
29-30	.00176	96,024	169	95,939	4,497,040	46.83
30-31	.00188	95,855	180	95,765	4,401,101	45.91
31-32	.00200	95,675	192	95,579	4,305,336	45.00
32-33	.00211	95,483	201	95,383	4,209,757	44.09
33-34	.00221	95,282	210	95,177	4,114,374	43.18
34-35	.00230	95,072	219	94,963	4,019,197	42.28
35-36	.00241	94,853	228	94,739	3,924,234	41.37
36-37	.00253	94,625	240	94,505	3,829,495	40.47
37-38	.00267	94,385	252	94,259	3,734,990	39.57
38-39	.00282	94,133	265	94,001	3,640,731	38.68
39-40	.00297	93,868	279	93,728	3,546,730	37.78
40-41	.00314	93,589	293	93,443	3,453,002	36.90
41-42	.00335	93,296	313	93,139	3,359,559	36.01
42-43	.00360	92,983	334	92,816	3,266,420	35.13
43-44	.00388	92,649	359	92,469	3,173,604	34.25
44-45	.00419	92,290	387	92,097	3,081,135	33.39
45-46	.00450	91,903	413	91,696	2,989,038	32.52
46-47	.00484	91,490	443	91,268	2,897,342	31.67
47-48	.00529	91,047	481	90,807	2,806,074	30.82
48-49	.00586	90,566	531	90,300	2,715,267	29.98
49-50	.00652	90,035	587	89,742	2,624,967	29.15
50-51	.00720	89,448	643	89,126	2,535,225	28.34
51-52	.00786	88,805	698	88,456	2,446,099	27.54
52-53	.00853	88,107	752	87,731	2,357,643	26.76
53-54	.00924	87,355	807	86,952	2,269,912	25.98
54-55	.00997	86,548	863	86,116	2,182,960	25.22

TABLE 9. LIFE TABLE FOR FEMALES OTHER THAN WHITE: MICHIGAN, 1979-81--CON.

AGE IN YEARS	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
PERILD OF LIFE BETWEEN TWO EXACT AGES STATED	PROPORTION OF PERSONS ALIVE AT BEGINNING OF YEAR OF AGE DYING DURING YEAR	NUMBER LIVING AT BEGINNING OF YEAR OF AGE	NUMBER DYING DURING YEAR OF AGE	IN YEAR OF AGE	IN THIS YEAR OF AGE AND ALL SUBSEQUENT YEARS	AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF YEAR OF AGE
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	$\mathring{e}_x$
55-56	.01076	85,685	921	85,225	2,096,844	24.47
56-57	.01157	84,764	981	84,273	2,011,619	23.73
57-58	.01236	83,783	1,035	83,265	1,927,346	23.00
58-59	.01312	82,748	1,086	82,205	1,844,081	22.29
59-60	.01387	81,662	1,132	81,096	1,761,876	21.58
60-61	.01469	80,530	1,184	79,936	1,680,780	20.87
61-62	.01562	79,346	1,239	78,727	1,600,842	20.18
62-63	.01660	78,107	1,297	77,459	1,522,115	19.49
63-64	.01760	76,810	1,351	76,134	1,444,656	18.81
64-65	.01862	75,459	1,405	74,756	1,368,522	18.14
65-66	.01960	74,054	1,451	73,328	1,293,766	17.47
66-67	.02065	72,603	1,500	71,853	1,220,438	16.81
67-68	.02201	71,103	1,565	70,321	1,148,585	16.15
68-69	.02387	69,538	1,660	68,708	1,078,264	15.51
69-70	.02626	67,878	1,782	66,987	1,009,556	14.87
70-71	.02916	66,096	1,927	65,132	942,569	14.26
71-72	.03232	64,169	2,074	63,132	877,437	13.67
72-73	.03546	62,095	2,202	60,993	814,305	13.11
73-74	.03814	59,893	2,285	58,751	753,312	12.58
74-75	.04035	57,608	2,324	56,446	694,561	12.06
75-76	.04239	55,284	2,344	54,112	638,115	11.54
76-77	.04475	52,940	2,369	51,756	584,003	11.03
77-78	.04755	50,571	2,404	49,369	532,247	10.52
78-79	.05123	48,167	2,468	46,933	482,878	10.03
79-80	.05591	45,699	2,555	44,422	435,945	9.54
80-81	.06158	43,144	2,656	41,816	391,523	9.07
81-82	.06779	40,488	2,745	39,115	349,707	8.64
82-83	.07409	37,743	2,797	36,344	310,592	8.23
83-84	.07959	34,946	2,781	33,556	274,248	7.85
84-85	.08409	32,165	2,705	30,812	240,692	7.48
85-86	.08892	29,460	2,620	28,150	209,880	7.12
86-87	.09489	26,840	2,547	25,567	181,730	6.77
87-88	.10151	24,293	2,466	23,061	156,163	6.43
88-89	.10893	21,827	2,377	20,638	133,102	6.10
89-90	.11715	19,450	2,279	18,310	112,464	5.78
90-91	.12588	17,171	2,161	16,091	94,154	5.48
91-92	.13529	15,010	2,031	13,994	78,063	5.20
92-93	.14592	12,979	1,894	12,032	64,069	4.94
93-94	.15781	11,085	1,749	10,210	52,037	4.69
94-95	.17039	9,336	1,591	8,541	41,827	4.48
95-96	.18279	7,745	1,416	7,037	33,286	4.30
96-97	.19170	6,329	1,213	5,723	26,249	4.15
97-98	.20022	5,116	1,024	4,603	20,526	4.01
98-99	.20825	4,092	852	3,666	15,923	3.89
99-100	.21577	3,240	699	2,890	12,257	3.78
100-101	.22279	2,541	566	2,258	9,367	3.69
101-102	.22930	1,975	453	1,748	7,109	3.60
102-103	.23534	1,522	358	1,343	5,361	3.52
103-104	.24091	1,164	281	1,023	4,018	3.45
104-105	.24605	883	217	775	2,995	3.39
105-106	.25077	666	167	582	2,220	3.33
106-107	.25510	499	127	436	1,638	3.28
107-108	.25907	372	97	323	1,202	3.23
108-109	.26269	275	72	239	879	3.19
109-110	.26600	203	54	177	640	3.15

TABLE 10. LIFE TABLE FOR THE BLACK POPULATION: MICHIGAN, 1979-81

AGE IN YEARS	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED	PROPORTION OF PERSONS ALIVE AT BEGINNING OF YEAR OF AGE DYING DURING YEAR	NUMBER LIVING AT BEGINNING OF YEAR OF AGE	NUMBER DYING DURING YEAR OF AGE	IN YEAR OF AGE	IN THIS YEAR OF AGE AND ALL SUBSEQUENT YEARS	AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF YEAR OF AGE
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	$\mathring{e}_x$
0-1	.02396	100,000	2,396	98,002	6,818,721	68.19
1-2	.00114	97,604	112	97,548	6,720,719	68.86
2-3	.00097	97,492	94	97,445	6,623,171	67.94
3-4	.00079	97,398	77	97,359	6,525,726	67.00
4-5	.00063	97,321	61	97,291	6,428,367	66.05
5-6	.00048	97,260	47	97,236	6,331,076	65.09
6-7	.00040	97,213	39	97,194	6,233,840	64.13
7-8	.00033	97,174	32	97,158	6,136,646	63.15
8-9	.00029	97,142	29	97,127	6,039,488	62.17
9-10	.00026	97,113	25	97,101	5,942,361	61.19
10-11	.00025	97,088	25	97,075	5,845,260	60.21
11-12	.00027	97,063	26	97,051	5,748,185	59.22
12-13	.00032	97,037	31	97,021	5,651,134	58.24
13-14	.00041	97,006	39	96,987	5,554,113	57.26
14-15	.00053	96,967	51	96,941	5,457,126	56.28
15-16	.00066	96,916	65	96,883	5,360,185	55.31
16-17	.00081	96,851	78	96,813	5,263,302	54.34
17-18	.00097	96,773	94	96,726	5,166,489	53.39
18-19	.00114	96,679	110	96,624	5,069,763	52.44
19-20	.00131	96,569	126	96,506	4,973,139	51.50
20-21	.00149	96,443	144	96,371	4,876,633	50.56
21-22	.00168	96,299	161	96,219	4,780,262	49.64
22-23	.00186	96,138	179	96,049	4,684,043	48.72
23-24	.00203	95,959	195	95,861	4,587,994	47.81
24-25	.00221	95,764	211	95,658	4,492,133	46.91
25-26	.00237	95,553	227	95,439	4,396,475	46.01
26-27	.00254	95,326	243	95,205	4,301,036	45.12
27-28	.00273	95,083	259	94,954	4,205,831	44.23
28-29	.00293	94,824	278	94,685	4,110,877	43.35
29-30	.00315	94,546	298	94,397	4,016,192	42.48
30-31	.00339	94,248	319	94,088	3,921,795	41.61
31-32	.00362	93,929	340	93,760	3,827,707	40.75
32-33	.00382	93,589	357	93,410	3,733,947	39.90
33-34	.00397	93,232	371	93,046	3,640,537	39.05
34-35	.00409	92,861	379	92,672	3,547,491	38.20
35-36	.00420	92,482	389	92,287	3,454,819	37.36
36-37	.00435	92,093	401	91,892	3,362,532	36.51
37-38	.00453	91,692	416	91,484	3,270,640	35.67
38-39	.00477	91,276	435	91,059	3,179,156	34.83
39-40	.00504	90,841	458	90,612	3,088,097	33.99
40-41	.00537	90,383	485	90,141	2,997,485	33.16
41-42	.00574	89,898	516	89,639	2,907,344	32.34
42-43	.00614	89,382	549	89,108	2,817,705	31.52
43-44	.00656	88,833	582	88,541	2,728,597	30.72
44-45	.00698	88,251	617	87,943	2,640,056	29.92
45-46	.00740	87,634	648	87,310	2,552,113	29.12
46-47	.00786	86,986	684	86,644	2,464,803	28.34
47-48	.00843	86,302	727	85,939	2,378,159	27.56
48-49	.00913	85,575	781	85,184	2,292,220	26.79
49-50	.00992	84,794	841	84,374	2,207,036	26.03
50-51	.01073	83,953	901	83,502	2,122,662	25.28
51-52	.01150	83,052	955	82,574	2,039,160	24.55
52-53	.01230	82,097	1,010	81,592	1,956,586	23.83
53-54	.01313	81,087	1,064	80,555	1,874,994	23.12
54-55	.01401	80,023	1,121	79,463	1,794,439	22.42

TABLE 10. LIFE TABLE FOR THE BLACK POPULATION: MICHIGAN, 1979-81--CON.

AGE IN YEARS	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED	PROPORTION OF PERSONS ALIVE AT BEGINNING OF YEAR OF AGE DYING DURING YEAR	NUMBER LIVING AT BEGINNING OF YEAR OF AGE	NUMBER DYING DURING YEAR OF AGE	IN YEAR OF AGE	IN THIS YEAR OF AGE AND ALL SUBSEQUENT YEARS	AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF YEAR OF AGE
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	$\mathring{e}_x$
55-56	.01493	78,902	1,178	78,313	1,714,976	21.74
56-57	.01588	77,724	1,235	77,106	1,636,663	21.06
57-58	.01689	76,489	1,292	75,844	1,559,557	20.39
58-59	.01798	75,197	1,351	74,521	1,483,713	19.73
59-60	.01917	73,846	1,416	73,138	1,409,192	19.08
60-61	.02052	72,430	1,486	71,687	1,336,054	18.45
61-62	.02200	70,944	1,561	70,163	1,264,367	17.82
62-63	.02352	69,383	1,631	68,567	1,194,204	17.21
63-64	.02497	67,752	1,692	66,906	1,125,637	16.61
64-65	.02630	66,060	1,739	65,190	1,058,731	16.03
65-66	.02767	64,321	1,780	63,431	993,541	15.45
66-67	.02911	62,541	1,821	61,630	930,110	14.87
67-68	.03073	60,720	1,866	59,787	868,480	14.30
68-69	.03269	58,854	1,924	57,892	808,693	13.74
69-70	.03506	56,930	1,996	55,933	750,801	13.19
70-71	.03781	54,934	2,076	53,896	694,866	12.65
71-72	.04083	52,858	2,159	51,778	640,972	12.13
72-73	.04411	50,699	2,236	49,581	589,194	11.62
73-74	.04739	48,463	2,297	47,315	539,613	11.13
74-75	.05061	46,166	2,336	44,998	492,298	10.66
75-76	.05390	43,830	2,362	42,648	447,300	10.21
76-77	.05747	41,468	2,383	40,276	404,652	9.76
77-78	.06133	39,085	2,397	37,886	364,376	9.32
78-79	.06574	36,688	2,412	35,482	326,490	8.90
79-80	.07088	34,276	2,430	33,061	291,008	8.49
80-81	.07704	31,846	2,453	30,620	257,947	8.10
81-82	.08396	29,393	2,468	28,158	227,327	7.73
82-83	.09091	26,925	2,448	25,701	199,169	7.40
83-84	.09684	24,477	2,370	23,293	173,468	7.09
84-85	.10141	22,107	2,242	20,985	150,175	6.79
85-86	.10562	19,865	2,098	18,816	129,190	6.50
86-87	.11091	17,767	1,971	16,782	110,374	6.21
87-88	.11697	15,796	1,848	14,872	93,592	5.92
88-89	.12414	13,948	1,731	13,083	78,720	5.64
89-90	.13229	12,217	1,616	11,409	65,637	5.37
90-91	.14069	10,601	1,492	9,855	54,228	5.12
91-92	.14952	9,109	1,362	8,428	44,373	4.87
92-93	.15977	7,747	1,237	7,128	35,945	4.64
93-94	.17155	6,510	1,117	5,951	28,817	4.43
94-95	.18409	5,393	993	4,897	22,866	4.24
95-96	.19626	4,400	863	3,968	17,969	4.08
96-97	.20435	3,537	723	3,175	14,001	3.96
97-98	.21193	2,814	597	2,516	10,826	3.85
98-99	.21901	2,217	485	1,975	8,310	3.75
99-100	.22559	1,732	391	1,536	6,335	3.66
100-101	.23170	1,341	311	1,186	4,799	3.58
101-102	.23734	1,030	244	908	3,613	3.51
102-103	.24254	786	191	691	2,705	3.44
103-104	.24732	595	147	521	2,014	3.38
104-105	.25171	448	113	392	1,493	3.33
105-106	.25573	335	85	292	1,101	3.28
106-107	.25941	250	65	217	809	3.24
107-108	.26277	185	49	161	592	3.20
108-109	.26583	136	36	118	431	3.16
109-110	.26861	100	27	87	313	3.13

TABLE 11. LIFE TABLE FOR BLACK MALES: MICHIGAN, 1979-81

AGE IN YEARS	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED	PROPORTION OF PERSONS ALIVE AT BEGINNING OF YEAR OF AGE DYING DURING YEAR	NUMBER LIVING AT BEGINNING OF YEAR OF AGE	NUMBER DYING DURING YEAR OF AGE	IN YEAR OF AGE	IN THIS YEAR OF AGE AND ALL SUBSEQUENT YEARS	AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF YEAR OF AGE
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	$\mathring{e}_x$
0-1	.02580	100,000	2,580	97,876	6,386,890	63.87
1-2	.00129	97,420	125	97,358	6,289,014	64.56
2-3	.00106	97,295	104	97,243	6,191,656	63.64
3-4	.00087	97,191	84	97,149	6,094,413	62.71
4-5	.00071	97,107	70	97,072	5,997,264	61.76
5-6	.00053	97,037	51	97,012	5,900,192	60.80
6-7	.00044	96,986	43	96,964	5,803,180	59.84
7-8	.00038	96,943	37	96,925	5,706,216	58.86
8-9	.00032	96,906	31	96,890	5,609,291	57.88
9-10	.00028	96,875	27	96,862	5,512,401	56.90
10-11	.00027	96,848	26	96,834	5,415,539	55.92
11-12	.00029	96,822	28	96,808	5,318,705	54.93
12-13	.00036	96,794	35	96,777	5,221,897	53.95
13-14	.00051	96,759	49	96,734	5,125,120	52.97
14-15	.00070	96,710	69	96,675	5,028,386	51.99
15-16	.00093	96,641	89	96,597	4,931,711	51.03
16-17	.00117	96,552	113	96,495	4,835,114	50.08
17-18	.00141	96,439	136	96,371	4,738,619	49.14
18-19	.00166	96,303	160	96,223	4,642,248	48.20
19-20	.00191	96,143	183	96,052	4,546,025	47.28
20-21	.00218	95,960	210	95,855	4,449,973	46.37
21-22	.00246	95,750	236	95,632	4,354,118	45.47
22-23	.00274	95,514	261	95,383	4,258,486	44.58
23-24	.00300	95,253	286	95,110	4,163,103	43.71
24-25	.00325	94,967	309	94,812	4,067,993	42.84
25-26	.00349	94,658	330	94,493	3,973,181	41.97
26-27	.00374	94,328	353	94,151	3,878,688	41.12
27-28	.00401	93,975	377	93,787	3,784,537	40.27
28-29	.00432	93,598	404	93,396	3,690,750	39.43
29-30	.00465	93,194	433	92,977	3,597,354	38.60
30-31	.00501	92,761	465	92,529	3,504,377	37.78
31-32	.00536	92,296	495	92,048	3,411,848	36.97
32-33	.00565	91,801	519	91,541	3,319,800	36.16
33-34	.00585	91,282	534	91,015	3,228,259	35.37
34-35	.00597	90,748	542	90,478	3,137,244	34.57
35-36	.00608	90,206	548	89,931	3,046,766	33.78
36-37	.00622	89,658	558	89,379	2,956,835	32.98
37-38	.00644	89,100	574	88,813	2,867,456	32.18
38-39	.00677	88,526	600	88,226	2,778,643	31.39
39-40	.00722	87,926	635	87,608	2,690,417	30.60
40-41	.00776	87,291	677	86,953	2,602,809	29.82
41-42	.00835	86,614	723	86,253	2,515,856	29.05
42-43	.00896	85,891	770	85,506	2,429,603	28.29
43-44	.00954	85,121	812	84,715	2,344,097	27.54
44-45	.01008	84,309	850	83,884	2,259,382	26.80
45-46	.01060	83,459	884	83,018	2,175,498	26.07
46-47	.01117	82,575	922	82,114	2,092,480	25.34
47-48	.01185	81,653	967	81,169	2,010,366	24.62
48-49	.01268	80,686	1,024	80,174	1,929,197	23.91
49-50	.01361	79,662	1,084	79,121	1,849,023	23.21
50-51	.01453	78,578	1,141	78,007	1,769,902	22.52
51-52	.01540	77,437	1,193	76,841	1,691,895	21.85
52-53	.01630	76,244	1,243	75,623	1,615,054	21.18
53-54	.01724	75,001	1,292	74,355	1,539,431	20.53
54-55	.01823	73,709	1,344	73,036	1,465,076	19.88

TABLE 11. LIFE TABLE FOR BLACK MALES: MICHIGAN, 1979-81--CON.

AGE IN YEARS	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED	PROPORTION OF PERSONS ALIVE AT BEGINNING OF YEAR OF AGE DYING DURING YEAR	NUMBER LIVING AT BEGINNING OF YEAR OF AGE	NUMBER DYING DURING YEAR OF AGE	IN YEAR OF AGE	IN THIS YEAR OF AGE AND ALL SUBSEQUENT YEARS	AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF YEAR OF AGE
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	$\mathring{e}_x$
55-56	.01925	72,365	1,393	71,669	1,392,040	19.24
56-57	.02030	70,972	1,441	70,252	1,320,371	18.60
57-58	.02150	69,531	1,495	68,784	1,250,119	17.98
58-59	.02294	68,036	1,560	67,255	1,181,335	17.36
59-60	.02463	66,476	1,637	65,658	1,114,080	16.76
60-61	.02658	64,839	1,724	63,977	1,048,422	16.17
61-62	.02871	63,115	1,812	62,209	984,445	15.60
62-63	.03090	61,303	1,894	60,356	922,236	15.04
63-64	.03294	59,409	1,957	58,431	861,880	14.51
64-65	.03478	57,452	1,998	56,453	803,449	13.98
65-66	.03662	55,454	2,030	54,439	746,996	13.47
66-67	.03860	53,424	2,063	52,393	692,557	12.96
67-68	.04061	51,361	2,086	50,318	640,164	12.46
68-69	.04276	49,275	2,106	48,222	589,846	11.97
69-70	.04515	47,169	2,130	46,104	541,624	11.48
70-71	.04777	45,039	2,151	43,963	495,520	11.00
71-72	.05068	42,888	2,174	41,801	451,557	10.53
72-73	.05415	40,714	2,205	39,611	409,756	10.06
73-74	.05820	38,509	2,241	37,389	370,145	9.61
74-75	.06268	36,268	2,273	35,132	332,756	9.17
75-76	.06754	33,995	2,296	32,846	297,624	8.75
76-77	.07270	31,699	2,305	30,547	264,778	8.35
77-78	.07800	29,394	2,292	28,248	234,231	7.97
78-79	.08350	27,102	2,263	25,970	205,983	7.60
79-80	.08945	24,839	2,222	23,728	180,013	7.25
80-81	.09653	22,617	2,183	21,525	156,285	6.91
81-82	.10470	20,434	2,140	19,364	134,760	6.59
82-83	.11299	18,294	2,067	17,261	115,396	6.31
83-84	.12014	16,227	1,949	15,252	98,135	6.05
84-85	.12564	14,278	1,794	13,381	82,883	5.81
85-86	.13053	12,484	1,630	11,669	69,502	5.57
86-87	.13655	10,854	1,482	10,113	57,833	5.33
87-88	.14352	9,372	1,345	8,700	47,720	5.09
88-89	.15189	8,027	1,219	7,418	39,020	4.86
89-90	.16130	6,808	1,098	6,258	31,602	4.64
90-91	.17018	5,710	972	5,224	25,344	4.44
91-92	.17869	4,738	847	4,315	20,120	4.25
92-93	.18864	3,891	734	3,525	15,805	4.06
93-94	.20044	3,157	633	2,840	12,280	3.89
94-95	.21317	2,524	538	2,256	9,440	3.74
95-96	.22554	1,986	448	1,762	7,184	3.62
96-97	.23274	1,538	358	1,359	5,422	3.52
97-98	.23944	1,180	282	1,039	4,063	3.44
98-99	.24563	898	221	788	3,024	3.37
99-100	.25135	677	170	592	2,236	3.30
100-101	.25662	507	130	442	1,644	3.24
101-102	.26146	377	99	328	1,202	3.19
102-103	.26590	278	74	241	874	3.14
103-104	.26996	204	55	177	633	3.10
104-105	.27367	149	41	128	456	3.06
105-106	.27706	108	30	94	328	3.02
106-107	.28014	78	22	67	234	2.99
107-108	.28295	56	16	48	167	2.96
108-109	.28550	40	11	35	119	2.93
109-110	.28782	29	8	25	84	2.90

TABLE 12. LIFE TABLE FOR BLACK FEMALES: MICHIGAN, 1979-81

AGE IN YEARS	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED	PROPORTION OF PERSONS ALIVE AT BEGINNING OF YEAR OF AGE DYING DURING YEAR	NUMBER LIVING AT BEGINNING OF YEAR OF AGE	NUMBER DYING DURING YEAR OF AGE	IN YEAR OF AGE	IN THIS YEAR OF AGE AND ALL SUBSEQUENT YEARS	AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF YEAR OF AGE
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	$\mathring{e}_x$
0-1	.02208	100,000	2,208	98,129	7,258,476	72.58
1-2	.00100	97,792	98	97,744	7,160,347	73.22
2-3	.00087	97,694	85	97,651	7,062,603	72.29
3-4	.00070	97,609	68	97,575	6,964,952	71.36
4-5	.00055	97,541	53	97,515	6,867,377	70.41
5-6	.00043	97,488	43	97,466	6,769,862	69.44
6-7	.00035	97,445	34	97,428	6,672,396	68.47
7-8	.00029	97,411	29	97,397	6,574,968	67.50
8-9	.00026	97,382	25	97,370	6,477,571	66.52
9-10	.00024	97,357	23	97,345	6,380,201	65.53
10-11	.00024	97,334	23	97,323	6,282,856	64.55
11-12	.00025	97,311	25	97,298	6,185,533	63.56
12-13	.00028	97,286	27	97,273	6,088,235	62.58
13-14	.00031	97,259	29	97,244	5,990,962	61.60
14-15	.00035	97,230	34	97,213	5,893,718	60.62
15-16	.00040	97,196	39	97,177	5,796,505	59.64
16-17	.00046	97,157	44	97,134	5,699,328	58.66
17-18	.00054	97,113	52	97,087	5,602,194	57.69
18-19	.00063	97,061	62	97,030	5,505,107	56.72
19-20	.00075	96,999	72	96,963	5,408,077	55.75
20-21	.00086	96,927	84	96,884	5,311,114	54.80
21-22	.00098	96,843	95	96,796	5,214,230	53.84
22-23	.00109	96,748	106	96,695	5,117,434	52.89
23-24	.00120	96,642	116	96,584	5,020,739	51.95
24-25	.00131	96,526	127	96,463	4,924,155	51.01
25-26	.00143	96,399	137	96,330	4,827,692	50.08
26-27	.00154	96,262	148	96,188	4,731,362	49.15
27-28	.00165	96,114	160	96,034	4,635,174	48.23
28-29	.00177	95,954	170	95,869	4,539,140	47.31
29-30	.00189	95,784	181	95,694	4,443,271	46.39
30-31	.00202	95,603	193	95,506	4,347,577	45.48
31-32	.00216	95,410	206	95,307	4,252,071	44.57
32-33	.00228	95,204	217	95,095	4,156,764	43.66
33-34	.00238	94,987	226	94,874	4,061,669	42.76
34-35	.00248	94,761	235	94,644	3,966,795	41.86
35-36	.00259	94,526	244	94,404	3,872,151	40.96
36-37	.00272	94,282	256	94,154	3,777,747	40.07
37-38	.00286	94,026	269	93,891	3,683,593	39.18
38-39	.00301	93,757	283	93,615	3,589,702	38.29
39-40	.00317	93,474	296	93,327	3,496,087	37.40
40-41	.00335	93,178	313	93,021	3,402,760	36.52
41-42	.00357	92,865	331	92,700	3,309,739	35.64
42-43	.00383	92,534	355	92,356	3,217,039	34.77
43-44	.00413	92,179	380	91,989	3,124,683	33.90
44-45	.00446	91,799	409	91,594	3,032,694	33.04
45-46	.00479	91,390	438	91,171	2,941,100	32.18
46-47	.00515	90,952	468	90,718	2,849,929	31.33
47-48	.00560	90,484	507	90,230	2,759,211	30.49
48-49	.00617	89,977	556	89,699	2,668,981	29.66
49-50	.00682	89,421	610	89,116	2,579,282	28.84
50-51	.00749	88,811	665	88,479	2,490,166	28.04
51-52	.00814	88,146	717	87,788	2,401,687	27.25
52-53	.00880	87,429	770	87,044	2,313,899	26.47
53-54	.00950	86,659	823	86,247	2,226,855	25.70
54-55	.01024	85,836	879	85,397	2,140,608	24.94

TABLE 12. LIFE TABLE FOR BLACK FEMALES: MICHIGAN, 1979-81—CON.

AGE IN YEARS	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED	PROPORTION OF PERSONS ALIVE AT BEGINNING OF YEAR OF AGE DYING DURING YEAR	NUMBER LIVING AT BEGINNING OF YEAR OF AGE	NUMBER DYING DURING YEAR OF AGE	IN YEAR OF AGE	IN THIS YEAR OF AGE AND ALL SUBSEQUENT YEARS	AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF YEAR OF AGE
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	$\mathring{e}_x$
55-56	.01103	84,957	938	84,488	2,055,211	24.19
56-57	.01185	84,019	995	83,522	1,970,723	23.46
57-58	.01266	83,024	1,051	82,498	1,887,201	22.73
58-59	.01345	81,973	1,102	81,422	1,804,703	22.02
59-60	.01425	80,871	1,153	80,294	1,723,281	21.31
60-61	.01513	79,718	1,206	79,115	1,642,987	20.61
61-62	.01612	78,512	1,266	77,879	1,563,872	19.92
62-63	.01715	77,246	1,324	76,584	1,485,993	19.24
63-64	.01818	75,922	1,381	75,232	1,409,409	18.56
64-65	.01921	74,541	1,432	73,825	1,334,177	17.90
65-66	.02020	73,109	1,476	72,371	1,260,352	17.24
66-67	.02127	71,633	1,524	70,870	1,187,981	16.58
67-68	.02265	70,109	1,588	69,315	1,117,111	15.93
68-69	.02453	68,521	1,681	67,681	1,047,796	15.29
69-70	.02694	66,840	1,801	65,939	980,115	14.66
70-71	.02987	65,039	1,942	64,068	914,176	14.06
71-72	.03305	63,097	2,086	62,054	850,108	13.47
72-73	.03625	61,011	2,212	59,905	788,054	12.92
73-74	.03905	58,799	2,296	57,651	728,149	12.38
74-75	.04140	56,503	2,339	55,333	670,498	11.87
75-76	.04363	54,164	2,363	52,983	615,165	11.36
76-77	.04617	51,801	2,392	50,604	562,182	10.85
77-78	.04916	49,409	2,429	48,195	511,578	10.35
78-79	.05300	46,980	2,490	45,735	463,383	9.86
79-80	.05783	44,490	2,573	43,203	417,648	9.39
80-81	.06369	41,917	2,669	40,583	374,445	8.93
81-82	.07014	39,248	2,753	37,871	333,862	8.51
82-83	.07670	36,495	2,799	35,095	295,991	8.11
83-84	.08241	33,696	2,777	32,307	260,896	7.74
84-85	.08705	30,919	2,692	29,573	228,589	7.39
85-86	.09168	28,227	2,588	26,934	199,016	7.05
86-87	.09742	25,639	2,497	24,390	172,082	6.71
87-88	.10377	23,142	2,402	21,941	147,692	6.38
88-89	.11091	20,740	2,300	19,590	125,751	6.06
89-90	.11884	18,440	2,192	17,344	106,161	5.76
90-91	.12723	16,248	2,067	15,215	88,817	5.47
91-92	.13628	14,181	1,933	13,215	73,602	5.19
92-93	.14660	12,248	1,795	11,350	60,387	4.93
93-94	.15825	10,453	1,654	9,626	49,037	4.69
94-95	.17061	8,799	1,501	8,048	39,411	4.48
95-96	.18279	7,298	1,334	6,631	31,363	4.30
96-97	.19170	5,964	1,144	5,392	24,732	4.15
97-98	.20022	4,820	965	4,338	19,340	4.01
98-99	.20825	3,855	803	3,453	15,002	3.89
99-100	.21577	3,052	658	2,723	11,549	3.78
100-101	.22279	2,394	534	2,128	8,826	3.69
101-102	.22930	1,860	426	1,647	6,698	3.60
102-103	.23534	1,434	338	1,265	5,051	3.52
103-104	.24091	1,096	264	964	3,786	3.45
104-105	.24605	832	204	730	2,822	3.39
105-106	.25077	628	158	549	2,092	3.33
106-107	.25510	470	120	410	1,543	3.28
107-108	.25907	350	91	305	1,133	3.23
108-109	.26269	259	68	225	828	3.19
109-110	.26600	191	51	166	603	3.15

TABLE 13. STANDARD ERRORS OF THE PROBABILITY OF DYING: MICHIGAN, 1979-81

EXACT AGE IN YEARS	TOTAL			WHITE			ALL OTHER					
							TOTAL			BLACK		
	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE
0.....	.000173	.000255	.000234	.000176	.000260	.000235	.000533	.000775	.000730	.000574	.000837	.000785
1.....	.000044	.000066	.000056	.000046	.000071	.000059	.000120	.000179	.000160	.000129	.000192	.000171
2.....	.000039	.000057	.000053	.000041	.000060	.000055	.000113	.000166	.000152	.000122	.000179	.000164
3.....	.000035	.000051	.000048	.000037	.000053	.000051	.000101	.000150	.000136	.000109	.000161	.000147
4.....	.000032	.000047	.000044	.000034	.000048	.000046	.000090	.000136	.000120	.000097	.000146	.000128
5.....	.000029	.000043	.000039	.000031	.000046	.000042	.000076	.000112	.000102	.000082	.000121	.000109
6.....	.000027	.000041	.000036	.000030	.000044	.000039	.000068	.000101	.000090	.000073	.000108	.000097
7.....	.000026	.000039	.000034	.000028	.000043	.000037	.000062	.000092	.000082	.000066	.000099	.000088
8.....	.000024	.000036	.000032	.000026	.000040	.000035	.000057	.000085	.000076	.000061	.000091	.000082
9.....	.000022	.000033	.000030	.000024	.000036	.000033	.000054	.000080	.000074	.000058	.000086	.000079
10.....	.000021	.000030	.000029	.000023	.000032	.000032	.000054	.000077	.000074	.000058	.000084	.000079
11.....	.000021	.000029	.000029	.000022	.000031	.000032	.000056	.000081	.000076	.000060	.000087	.000082
12.....	.000023	.000034	.000030	.000025	.000036	.000033	.000061	.000092	.000080	.000065	.000098	.000086
13.....	.000027	.000042	.000033	.000029	.000045	.000035	.000069	.000109	.000085	.000074	.000117	.000091
14.....	.000031	.000050	.000035	.000033	.000054	.000038	.000079	.000130	.000091	.000084	.000137	.000097
15.....	.000034	.000057	.000037	.000037	.000062	.000041	.000089	.000150	.000097	.000094	.000158	.000103
16.....	.000037	.000063	.000039	.000040	.000068	.000043	.000099	.000168	.000105	.000105	.000178	.000111
17.....	.000039	.000067	.000041	.000042	.000072	.000044	.000109	.000186	.000113	.000115	.000197	.000120
18.....	.000041	.000070	.000043	.000044	.000075	.000045	.000117	.000203	.000123	.000124	.000215	.000130
19.....	.000043	.000073	.000044	.000045	.000077	.000046	.000126	.000218	.000132	.000134	.000232	.000140
20.....	.000044	.000075	.000045	.000046	.000079	.000047	.000134	.000235	.000141	.000143	.000250	.000150
21.....	.000045	.000078	.000047	.000047	.000081	.000048	.000143	.000251	.000150	.000152	.000269	.000160
22.....	.000046	.000080	.000048	.000048	.000083	.000049	.000150	.000267	.000158	.000161	.000286	.000169
23.....	.000047	.000082	.000049	.000048	.000084	.000050	.000158	.000282	.000166	.000169	.000302	.000178
24.....	.000048	.000083	.000050	.000049	.000084	.000050	.000165	.000295	.000174	.000177	.000318	.000187
25.....	.000049	.000084	.000051	.000049	.000083	.000050	.000173	.000309	.000182	.000186	.000332	.000198
26.....	.000049	.000084	.000052	.000049	.000083	.000051	.000180	.000323	.000190	.000194	.000348	.000205
27.....	.000050	.000086	.000054	.000049	.000083	.000051	.000188	.000337	.000199	.000203	.000365	.000215
28.....	.000051	.000087	.000055	.000050	.000084	.000052	.000197	.000353	.000208	.000214	.000384	.000225
29.....	.000052	.000089	.000057	.000050	.000085	.000054	.000206	.000369	.000217	.000225	.000405	.000237
30.....	.000054	.000091	.000059	.000051	.000086	.000055	.000215	.000386	.000227	.000237	.000427	.000249
31.....	.000055	.000093	.000061	.000052	.000087	.000057	.000225	.000404	.000238	.000250	.000449	.000262
32.....	.000057	.000095	.000063	.000053	.000089	.000060	.000235	.000421	.000250	.000262	.000471	.000275
33.....	.000059	.000099	.000067	.000056	.000092	.000063	.000247	.000439	.000263	.000275	.000492	.000290
34.....	.000062	.000103	.000071	.000059	.000096	.000068	.000259	.000458	.000277	.000288	.000513	.000306
35.....	.000066	.000108	.000077	.000063	.000101	.000074	.000273	.000479	.000295	.000303	.000535	.000325
36.....	.000070	.000113	.000082	.000067	.000107	.000081	.000289	.000502	.000315	.000320	.000559	.000346
37.....	.000074	.000120	.000088	.000071	.000114	.000087	.000306	.000528	.000336	.000338	.000588	.000368
38.....	.000078	.000126	.000094	.000076	.000121	.000093	.000323	.000558	.000356	.000357	.000623	.000389
39.....	.000083	.000134	.000099	.000081	.000128	.000098	.000341	.000591	.000374	.000377	.000662	.000408
40.....	.000088	.000143	.000105	.000086	.000137	.000104	.000360	.000628	.000394	.000399	.000707	.000428
41.....	.000094	.000152	.000111	.000092	.000148	.000111	.000382	.000669	.000416	.000422	.000755	.000451
42.....	.000100	.000162	.000118	.000098	.000158	.000119	.000403	.000708	.000438	.000444	.000799	.000474
43.....	.000105	.000172	.000125	.000104	.000168	.000126	.000421	.000743	.000459	.000463	.000833	.000496
44.....	.000111	.000181	.000132	.000110	.000177	.000133	.000438	.000772	.000479	.000479	.000857	.000516
45.....	.000117	.000190	.000138	.000116	.000187	.000140	.000453	.000798	.000497	.000492	.000877	.000534
46.....	.000122	.000200	.000145	.000123	.000198	.000148	.000468	.000825	.000515	.000506	.000896	.000553
47.....	.000128	.000209	.000152	.000129	.000208	.000155	.000485	.000851	.000537	.000521	.000917	.000574
48.....	.000134	.000218	.000158	.000135	.000218	.000161	.000504	.000878	.000564	.000539	.000940	.000600
49.....	.000139	.000226	.000164	.000140	.000227	.000167	.000524	.000904	.000593	.000558	.000964	.000629
50.....	.000143	.000233	.000169	.000144	.000234	.000172	.000543	.000927	.000622	.000575	.000985	.000655
51.....	.000147	.000240	.000174	.000149	.000242	.000177	.000560	.000948	.000648	.000591	.001004	.000680
52.....	.000152	.000248	.000180	.000154	.000251	.000183	.000579	.000971	.000675	.000609	.001025	.000706
53.....	.000159	.000259	.000187	.000161	.000262	.000190	.000601	.001000	.000706	.000630	.001052	.000737
54.....	.000166	.000272	.000196	.000169	.000277	.000198	.000625	.001034	.000740	.000654	.001084	.000771

TABLE 13. STANDARD ERRORS OF THE PROBABILITY OF DYING: MICHIGAN, 1979-81--CON.

EXACT AGE IN YEARS	TOTAL			WHITE			ALL OTHER					
							TOTAL			BLACK		
	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE
55.....	.000174	.000286	.000204	.000177	.000292	.000207	.000651	.001068	.000776	.000680	.001118	.000808
56.....	.000182	.000300	.000213	.000186	.000307	.000216	.000677	.001103	.000813	.000706	.001153	.000845
57.....	.000191	.000316	.000223	.000196	.000325	.000227	.000708	.001150	.000852	.000737	.001199	.000885
58.....	.000202	.000336	.000236	.000208	.000347	.000240	.000744	.001212	.000893	.000774	.001262	.000928
59.....	.000216	.000360	.000250	.000222	.000371	.000256	.000786	.001290	.000 38	.000818	.001341	.000975
60.....	.000231	.000386	.000267	.000238	.000399	.000274	.000837	.001385	.000989	.000869	.001437	.001029
61.....	.000247	.000416	.000285	.000255	.000430	.000293	.000891	.001489	.001046	.000925	.001542	.001088
62.....	.000264	.000446	.000303	.000273	.000462	.000313	.000945	.001592	.001102	.000981	.001646	.001147
63.....	.000281	.000476	.000322	.000291	.000494	.000333	.000992	.001680	.001153	.001030	.001737	.001200
64.....	.000297	.000506	.000340	.000309	.000526	.000352	.001033	.001753	.001199	.001072	.001813	.001247
65.....	.000314	.000537	.000359	.000328	.000560	.000373	.001072	.001824	.001243	.001112	.001887	.001292
66.....	.000333	.000572	.000380	.000348	.000598	.000396	.001116	.001906	.001292	.001158	.001972	.001343
67.....	.000354	.000610	.000403	.000371	.000640	.000420	.001171	.002000	.001359	.001215	.002071	.001412
68.....	.000377	.000654	.000429	.000395	.000687	.000448	.001245	.002117	.001456	.001291	.002195	.001511
69.....	.000404	.000703	.000459	.000423	.000739	.000477	.001339	.002261	.001584	.001389	.002349	.001642
70.....	.000433	.000759	.000491	.000453	.000799	.000510	.001451	.002429	.001741	.001507	.002530	.001803
71.....	.000465	.000821	.000527	.000486	.000865	.000546	.001575	.002615	.001913	.001637	.002731	.001978
72.....	.000499	.000888	.000565	.000522	.000936	.000585	.001708	.002824	.002087	.001776	.002954	.002158
73.....	.000536	.000959	.000606	.000560	.001011	.000628	.001838	.003050	.002242	.001911	.003189	.002319
74.....	.000574	.001033	.000650	.000600	.001088	.000674	.001964	.003289	.002377	.002040	.003430	.002462
75.....	.000615	.001113	.000696	.000643	.001172	.000723	.002095	.003548	.002509	.002173	.003687	.002603
76.....	.000660	.001201	.000747	.000691	.001264	.000778	.002244	.003840	.002665	.002326	.003976	.002768
77.....	.000711	.001299	.000805	.000744	.001367	.000839	.002416	.004169	.002853	.002503	.004306	.002966
78.....	.000769	.001412	.000874	.000804	.001485	.000910	.002628	.004556	.003100	.002723	.004703	.003226
79.....	.000836	.001545	.000953	.000873	.001623	.000992	.002890	.005022	.003417	.002997	.005189	.003557
80.....	.000913	.001700	.001042	.000952	.001785	.001084	.003211	.005594	.003806	.003334	.005790	.003964
81.....	.000999	.001880	.001141	.001041	.001970	.001185	.003584	.006276	.004248	.003726	.006506	.004429
82.....	.001096	.002082	.001252	.001140	.002178	.001298	.003998	.007056	.004732	.004161	.007321	.004938
83.....	.001203	.002297	.001375	.001250	.002401	.001425	.004424	.007891	.005221	.004605	.008186	.005448
84.....	.001320	.002525	.001513	.001371	.002636	.001569	.004857	.008772	.005706	.005049	.009086	.005951
85.....	.001449	.002772	.001667	.001505	.002889	.001730	.005346	.009799	.006255	.005542	.010122	.006505
86.....	.001599	.003058	.001845	.001659	.003181	.001914	.005945	.011086	.006922	.006147	.011425	.007178
87.....	.001771	.003391	.002049	.001837	.003519	.002125	.006638	.012593	.007690	.006846	.012955	.007950
88.....	.001976	.003798	.002289	.002049	.003938	.002374	.007434	.014296	.008579	.007652	.014699	.008845
89.....	.002231	.004315	.002583	.002314	.004476	.002680	.008341	.016164	.009610	.008574	.016622	.009885
90.....	.002561	.004990	.002965	.002662	.005189	.003081	.009348	.018119	.010789	.009596	.018640	.011068
91.....	.002989	.005868	.003457	.003118	.006129	.003603	.010495	.020246	.012154	.010751	.020825	.012431
92.....	.003524	.006990	.004065	.003689	.007340	.004249	.011870	.022763	.013795	.012136	.023387	.014075
93.....	.004147	.008312	.004768	.004354	.008765	.004996	.013597	.026033	.015822	.013874	.026673	.016115
94.....	.004848	.009770	.005564	.005096	.010317	.005837	.015773	.030301	.018336	.016062	.030909	.018659
95.....	.005707	.011244	.006611	.005985	.011836	.006918	.018443	.034135	.021816	.018828	.035053	.022206
96.....	.006747	.013347	.007808	.007108	.014113	.008210	.020962	.039242	.024697	.021399	.040298	.025138
97.....	.007892	.016063	.009084	.008351	.017141	.009591	.023789	.044483	.028078	.024285	.045680	.028579
98.....	.009291	.019237	.010635	.009881	.020630	.011281	.026847	.048885	.032107	.027407	.050200	.032680
99.....	.011009	.023189	.012531	.011774	.025008	.013363	.029919	.051753	.036754	.030543	.053146	.037410
100....	.013126	.028131	.014859	.014128	.030528	.015940	.034319	.060223	.041983	.035035	.061844	.042733
101....	.015746	.034337	.017728	.017068	.037519	.019145	.039481	.070275	.048110	.040305	.072166	.048969
102....	.019004	.042157	.021279	.020753	.046412	.023150	.045546	.082216	.055300	.046496	.084429	.056288
103....	.023066	.052047	.025692	.025403	.057769	.028176	.052678	.096420	.063751	.053778	.099014	.064889
104....	.028150	.064597	.031194	.031286	.072329	.034510	.061077	.113331	.073697	.062352	.116381	.075013
105....	.034533	.080571	.038076	.038759	.091064	.042524	.070977	.133487	.085416	.072458	.137079	.086942
106....	.042571	.100964	.046713	.048283	.115251	.052699	.082656	.157530	.099241	.084381	.161769	.101014
107....	.052723	.127070	.057583	.060464	.146577	.065663	.096448	.186233	.115567	.098460	.191245	.117631
108....	.065578	.160573	.071302	.076090	.187269	.082235	.112746	.220525	.134864	.115098	.226460	.137273
109....	.081896	.203672	.088660	.096197	.240274	.103483	.132020	.261522	.157694	.134774	.268560	.160510

TABLE 14. STANDARD ERRORS OF THE AVERAGE REMAINING LIFETIME: MICHIGAN, 1979-81

EXACT AGE IN YEARS	TOTAL			WHITE			ALL OTHER					
							TOTAL			BLACK		
	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE
0	.031	.043	.043	.032	.045	.045	.095	.130	.135	.098	.136	.140
1	.028	.039	.039	.030	.041	.041	.089	.123	.127	.092	.127	.130
2	.028	.039	.039	.030	.041	.041	.089	.122	.126	.092	.127	.129
3	.028	.039	.039	.029	.041	.041	.089	.122	.126	.091	.127	.129
4	.028	.039	.039	.029	.041	.040	.088	.122	.125	.091	.126	.129
5	.028	.039	.039	.029	.040	.040	.088	.121	.125	.091	.126	.128
6	.028	.039	.039	.029	.040	.040	.088	.121	.125	.091	.126	.128
7	.028	.039	.038	.029	.040	.040	.088	.121	.125	.091	.126	.128
8	.028	.039	.038	.029	.040	.040	.088	.121	.125	.091	.126	.128
9	.028	.038	.038	.029	.040	.040	.088	.121	.125	.091	.126	.128
10	.028	.038	.038	.029	.040	.040	.088	.121	.125	.091	.126	.128
11	.028	.038	.038	.029	.040	.040	.088	.121	.125	.091	.126	.128
12	.028	.038	.038	.029	.040	.040	.088	.121	.125	.091	.125	.128
13	.028	.038	.038	.029	.040	.040	.088	.121	.125	.091	.125	.128
14	.028	.038	.038	.029	.040	.040	.088	.121	.125	.091	.125	.128
15	.028	.038	.038	.029	.040	.040	.088	.121	.124	.090	.125	.128
16	.028	.038	.038	.029	.040	.039	.088	.121	.124	.090	.125	.127
17	.028	.038	.038	.029	.040	.039	.088	.120	.124	.090	.125	.127
18	.027	.038	.038	.029	.039	.039	.087	.120	.124	.090	.125	.127
19	.027	.038	.038	.028	.039	.039	.087	.120	.124	.090	.124	.127
20	.027	.038	.038	.028	.039	.039	.087	.120	.124	.090	.124	.127
21	.027	.037	.038	.028	.039	.039	.087	.119	.124	.090	.124	.127
22	.027	.037	.038	.028	.039	.039	.087	.119	.124	.090	.124	.127
23	.027	.037	.037	.028	.039	.039	.087	.119	.123	.089	.123	.126
24	.027	.037	.037	.028	.038	.039	.087	.119	.123	.089	.123	.126
25	.027	.037	.037	.028	.038	.039	.086	.118	.123	.089	.123	.126
26	.027	.037	.037	.028	.038	.039	.086	.118	.123	.089	.122	.126
27	.027	.037	.037	.028	.038	.039	.086	.118	.123	.089	.122	.126
28	.027	.036	.037	.028	.038	.039	.086	.117	.123	.088	.122	.126
29	.027	.036	.037	.028	.038	.038	.086	.117	.122	.088	.121	.125
30	.027	.036	.037	.028	.038	.038	.085	.116	.122	.088	.121	.125
31	.026	.036	.037	.028	.037	.038	.085	.116	.122	.088	.120	.125
32	.026	.036	.037	.027	.037	.038	.085	.116	.122	.087	.120	.125
33	.026	.036	.037	.027	.037	.038	.085	.115	.122	.087	.119	.124
34	.026	.036	.037	.027	.037	.038	.085	.115	.121	.087	.119	.124
35	.026	.035	.037	.027	.037	.038	.084	.114	.121	.087	.118	.124
36	.026	.035	.036	.027	.037	.038	.084	.114	.121	.086	.117	.123
37	.026	.035	.036	.027	.037	.038	.084	.113	.120	.086	.117	.123
38	.026	.035	.036	.027	.036	.038	.083	.112	.120	.085	.116	.122
39	.026	.035	.036	.027	.036	.038	.083	.112	.119	.085	.115	.122
40	.026	.035	.036	.027	.036	.037	.082	.111	.119	.084	.114	.121
41	.025	.034	.036	.027	.036	.037	.082	.110	.119	.084	.113	.121
42	.025	.034	.035	.026	.036	.037	.081	.109	.118	.083	.112	.120
43	.025	.034	.035	.026	.035	.037	.081	.108	.117	.082	.111	.119
44	.025	.034	.035	.026	.035	.037	.080	.107	.117	.082	.109	.119
45	.025	.033	.035	.026	.035	.036	.080	.106	.116	.081	.108	.118
46	.025	.033	.035	.026	.035	.036	.079	.105	.116	.080	.107	.117
47	.024	.033	.034	.026	.034	.036	.079	.104	.115	.080	.106	.117
48	.024	.032	.034	.025	.034	.036	.078	.103	.115	.079	.104	.116
49	.024	.032	.034	.025	.034	.035	.078	.102	.114	.079	.103	.115
50	.024	.032	.034	.025	.033	.035	.077	.101	.113	.078	.102	.115
51	.024	.031	.033	.025	.033	.035	.077	.100	.113	.078	.101	.114
52	.023	.031	.033	.025	.033	.035	.076	.099	.112	.077	.101	.114
53	.023	.031	.033	.024	.033	.034	.076	.099	.112	.077	.100	.113
54	.023	.031	.033	.024	.032	.034	.075	.098	.111	.076	.099	.113

TABLE 14. STANDARD ERRORS OF THE AVERAGE REMAINING LIFETIME: MICHIGAN, 1979-81—CON.

EXACT AGE IN YEARS	TOTAL			WHITE			ALL OTHER					
							TOTAL			BLACK		
	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE
55	.023	.031	.032	.024	.032	.034	.075	.098	.111	.076	.099	.112
56	.023	.030	.032	.024	.032	.034	.075	.097	.111	.076	.098	.112
57	.023	.030	.032	.024	.032	.033	.075	.097	.110	.075	.098	.111
58	.022	.030	.032	.024	.031	.033	.074	.097	.110	.075	.098	.111
59	.022	.030	.031	.023	.031	.033	.074	.097	.109	.075	.097	.110
60	.022	.030	.031	.023	.031	.033	.074	.096	.109	.075	.097	.110
61	.022	.029	.031	.023	.031	.032	.074	.096	.109	.075	.097	.110
62	.022	.029	.031	.023	.031	.032	.074	.096	.108	.074	.097	.109
63	.022	.029	.031	.023	.030	.032	.074	.096	.108	.074	.097	.109
64	.022	.029	.030	.023	.030	.032	.074	.095	.108	.074	.096	.109
65	.021	.029	.030	.022	.030	.031	.073	.095	.108	.074	.096	.109
66	.021	.028	.030	.022	.030	.031	.074	.096	.108	.074	.097	.109
67	.021	.028	.029	.022	.030	.031	.074	.096	.108	.074	.097	.109
68	.021	.028	.029	.022	.030	.030	.074	.096	.108	.075	.097	.109
69	.021	.028	.029	.022	.029	.030	.074	.097	.108	.075	.098	.109
70	.021	.028	.029	.022	.029	.030	.075	.097	.108	.075	.098	.109
71	.021	.028	.029	.021	.029	.030	.075	.098	.109	.076	.099	.110
72	.020	.028	.028	.021	.029	.029	.075	.099	.109	.076	.100	.110
73	.020	.028	.028	.021	.029	.029	.076	.100	.110	.077	.101	.110
74	.020	.028	.028	.021	.029	.029	.077	.101	.110	.077	.102	.111
75	.020	.028	.028	.021	.029	.028	.077	.102	.111	.078	.103	.112
76	.020	.028	.027	.021	.029	.028	.078	.104	.112	.079	.105	.113
77	.020	.028	.027	.021	.029	.028	.080	.106	.113	.080	.107	.114
78	.020	.028	.027	.021	.029	.028	.081	.109	.114	.082	.110	.115
79	.020	.029	.027	.021	.030	.028	.083	.112	.116	.084	.113	.117
80	.020	.029	.027	.021	.030	.028	.085	.115	.117	.086	.117	.119
81	.020	.030	.027	.021	.031	.028	.087	.119	.120	.088	.121	.121
82	.021	.030	.027	.021	.031	.028	.089	.124	.122	.090	.126	.123
83	.021	.031	.027	.021	.032	.028	.092	.129	.125	.093	.132	.126
84	.021	.032	.028	.022	.032	.028	.095	.135	.128	.096	.138	.129
85	.022	.033	.028	.022	.033	.029	.098	.141	.131	.100	.145	.133
86	.022	.034	.029	.023	.035	.029	.101	.148	.135	.103	.152	.137
87	.023	.035	.030	.024	.036	.030	.105	.156	.139	.107	.159	.141
88	.024	.038	.031	.025	.038	.031	.110	.164	.144	.112	.167	.147
89	.025	.040	.032	.026	.041	.033	.115	.172	.150	.117	.176	.153
90	.027	.043	.034	.027	.044	.034	.120	.182	.157	.123	.186	.160
91	.029	.047	.036	.029	.048	.036	.127	.192	.165	.130	.197	.168
92	.031	.051	.039	.031	.052	.039	.135	.205	.175	.138	.210	.178
93	.034	.056	.041	.034	.057	.042	.145	.221	.187	.148	.226	.191
94	.037	.062	.045	.037	.063	.045	.157	.239	.202	.160	.245	.205
95	.040	.069	.049	.040	.070	.049	.170	.259	.219	.174	.266	.223
96	.044	.078	.054	.045	.079	.054	.185	.283	.237	.189	.291	.242
97	.049	.089	.059	.050	.091	.060	.203	.309	.259	.207	.318	.264
98	.055	.102	.066	.056	.105	.067	.223	.338	.285	.228	.347	.290
99	.063	.119	.074	.064	.122	.075	.247	.374	.316	.252	.384	.321
100	.072	.139	.085	.074	.144	.086	.278	.428	.352	.283	.439	.358
101	.084	.165	.097	.086	.171	.099	.314	.492	.394	.320	.505	.401
102	.098	.196	.113	.100	.204	.116	.357	.569	.446	.365	.584	.454
103	.115	.236	.132	.119	.246	.136	.410	.662	.508	.418	.680	.517
104	.136	.286	.155	.142	.298	.161	.474	.775	.584	.484	.796	.595
105	.163	.348	.185	.171	.361	.193	.553	.914	.678	.564	.939	.690
106	.196	.425	.221	.207	.436	.232	.651	1.088	.796	.665	1.118	.810
107	.238	.522	.266	.251	.519	.281	.776	1.308	.945	.792	1.344	.962
108	.290	.641	.323	.306	.595	.341	.937	1.592	1.139	.957	1.635	1.159
109	.355	.787	.395	.374	.615	.416	1.149	1.965	1.393	1.172	2.018	1.417

*U.S. GOVERNMENT PRINTING OFFICE: 1986-150-171:42501

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